

I NTRODUCTION

Daewon Cable Co.,Ltd. was established in 1964 and has manufactured various kind of cables.

Now Daewon cable is the fastest growing company in its own field in Korea. It is through industrious research and development that Daewon cable has grown so strong. In recent years, the concentrated effort to expand overseas business has brought a steadily advance in products export. As a result, export now accounts for nearly 30% of overall sales volume.

Daewon cable has served domestic clients and abroad as a forerunner in the manufacture of electric wires and cables.

We are proud to point out that Daewon cable has been able to expand factory facilities steadily. This addition will go long way to better serve our global customers in Daewon cable's tradition of quality, punctual delivery, accurate specifications and reliability.

We are hopeful that you will be given a general picture of our business activities and the scope by this catalogue. This catalogue, in particular, deals with Daewon cable's FED power cables and communication cables.

However, kindly bear in mind that other cables can be manufactured to your specifications and needs. Please feel free to inquire about our production in general, as well as our made-to other wires.

We will continue to make an effort toward the best quality of wires and cables for all our customers.

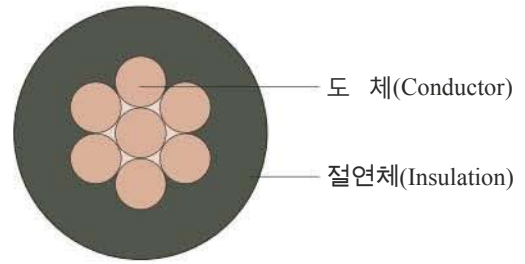


Building Wire(Type THW)

UL 83

600V THW

- VOLTAGE RATING : 600V
- CONDUCTOR TEMPERATURE : 75℃(167°F)
- APPLICATION : Dry and Wet locations.
- DESCRIPTION : Solid or stranded copper conductor,
PVC(Flame-Retardant, Moisture
-Resistant and Heat-Resistant
Thermoplastic) insulation.
(Optional Aluminum conductors)
- SPECIFICATION : UL83



1. Solid Conductor

Conductor			Average Thick of Insulation	Minimum Thick of Insulation	Approx. Overall Dia.	Approx. Net Weight	Minimum Insulation Resistance at 15℃	AC Test Voltage	Spark Test
Size (AWG,)	No. & Dia. of Wire (No./mm)	Approx. Diameter (mm)							
14	1/1.63	1.63	0.76	0.69	3.2	25	175	2.0	7.5
12	1/2.06	2.06	0.76	0.69	3.6	40	150	2.0	7.5
10	1/2.59	2.59	0.76	0.69	4.2	60	125	2.0	7.5
8	1/3.26	3.26	1.14	1.02	5.6	100	130	2.0	10.0

2. Stranded Conductor

Conductor			Average Thick of Insulation	Minimum Thick of Insulation	Approx. Overall Dia.	Approx. Net Weight	Minimum Insulation Resistance at 15℃	AC Test Voltage	Spark Test
Size (AWG, MCM)	No. & Dia. of Wire (No./mm)	Approx. Diameter (mm)							
14	7/0.615	1.85	0.76	0.69	3.5	30	175	2.0	7.5
12	7/0.775	2.34	0.76	0.69	4.0	45	150	2.0	7.5
10	7/0.978	2.95	0.76	0.69	4.5	65	125	2.0	7.5
8	7/1.23	3.70	1.14	1.02	6.0	105	130	2.0	10.0
6	7/1.56	4.67	1.52	1.37	8.0	170	135	2.0	10.0
4	7/1.96	5.88	1.52	1.37	9.0	250	115	2.0	10.0
2	C.C	6.80	1.52	1.37	10.0	365	95	2.0	10.0
1	C.C	7.63	2.03	1.83	12.0	480	105	2.5	12.5
1/0	C.C	8.55	2.03	1.83	13.0	585	95	2.5	12.5
2/0	C.C	9.60	2.03	1.83	14.0	725	85	2.5	12.5
3/0	C.C	10.80	2.03	1.83	15.0	895	80	2.5	12.5
4/0	C.C	12.10	2.03	1.83	16.5	1105	70	2.5	12.5
250	C.C	13.20	2.41	2.18	17.5	1330	80	3.0	15.0
300	C.C	14.50	2.41	2.18	20.0	1580	70	3.0	15.0
350	C.C	15.70	2.41	2.18	21.0	1820	65	3.0	15.0
400	C.C	16.70	2.41	2.18	23.0	2075	65	3.0	15.0
500	C.C	18.70	2.41	2.18	24.0	2540	55	3.0	15.0
600	C.C	20.65	2.79	2.51	26.0	3070	60	3.5	17.5
700	C.C	22.30	2.79	2.51	28.0	3555	55	3.5	17.5
750	C.C	23.00	2.79	2.51	29.0	3790	55	3.5	17.5
800	C.C	24.20	2.79	2.51	30.0	4055	55	3.5	17.5
900	C.C	25.37	2.79	2.51	31.5	4530	50	3.5	17.5
1000	C.C	26.90	2.79	2.51	33.0	5005	50	3.5	17.5

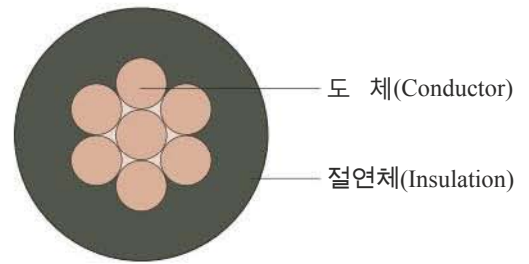
* C.C : Circular Compact stranded

Building Wire(Type THW-2)

UL 83

600V THW-2

- VOLTAGE RATING : 600V
- CONDUCTOR TEMPERATURE : 90℃(194°F)
- APPLICATION : Dry and Wet locations.
- DESCRIPTION : Solid or stranded copper conductor,
PVC(Flame-Retardant, Moisture
-Resistant and Heat-Resistant
Thermoplastic) insulation.
(Optional Aluminum conductors)
- SPECIFICATION : UL83



1. Solid Conductor

Conductor			Average Thick of Insulation	Minimum Thick of Insulation	Approx. Overall Dia.	Approx. Net Weight	Minimum Insulation Resistance at 15°C	AC Test Voltage	Spark Test
Size (AWG.)	No. & Dia. of Wire (No./mm)	Approx. Diameter (mm)							
14	1/1.63	1.63	0.76	0.69	3.2	25	175	2.0	7.5
12	1/2.06	2.06	0.76	0.69	3.6	40	150	2.0	7.5
10	1/2.59	2.59	0.76	0.69	4.2	60	125	2.0	7.5
8	1/3.26	3.26	1.14	1.02	5.6	100	130	2.0	10.0

2. Stranded Conductor

Conductor			Average Thick of Insulation	Minimum Thick of Insulation	Approx. Overall Dia.	Approx. Net Weight	Minimum Insulation Resistance at 15°C	AC Test Voltage	Spark Test
Size (AWG, MCM)	No. & Dia. of Wire (No./mm)	Approx. Diameter (mm)							
14	7/0.615	1.85	0.76	0.69	3.5	30	175	2.0	7.5
12	7/0.775	2.34	0.76	0.69	4.0	45	150	2.0	7.5
10	7/0.978	2.95	0.76	0.69	4.5	65	125	2.0	7.5
8	7/1.23	3.70	1.14	1.02	6.0	105	130	2.0	10.0
6	7/1.56	4.67	1.52	1.37	8.0	170	135	2.0	10.0
4	7/1.96	5.88	1.52	1.37	9.0	250	115	2.0	10.0
2	C.C	6.80	1.52	1.37	10.0	365	95	2.0	10.0
1	C.C	7.63	2.03	1.83	12.0	480	105	2.5	12.5
1/0	C.C	8.55	2.03	1.83	13.0	585	95	2.5	12.5
2/0	C.C	9.60	2.03	1.83	14.0	725	85	2.5	12.5
3/0	C.C	10.80	2.03	1.83	15.0	895	80	2.5	12.5
4/0	C.C	12.10	2.03	1.83	16.5	1105	70	2.5	12.5
250	C.C	13.20	2.41	2.18	17.5	1330	80	3.0	15.0
300	C.C	14.50	2.41	2.18	20.0	1580	70	3.0	15.0
350	C.C	15.70	2.41	2.18	21.0	1820	65	3.0	15.0
400	C.C	16.70	2.41	2.18	23.0	2075	65	3.0	15.0
500	C.C	18.70	2.41	2.18	24.0	2540	55	3.0	15.0
600	C.C	20.65	2.79	2.51	26.0	3070	60	3.5	17.5
700	C.C	22.30	2.79	2.51	28.0	3555	55	3.5	17.5
750	C.C	23.00	2.79	2.51	29.0	3790	55	3.5	17.5
800	C.C	24.20	2.79	2.51	30.0	4055	55	3.5	17.5
900	C.C	25.37	2.79	2.51	31.5	4530	50	3.5	17.5
1000	C.C	26.90	2.79	2.51	33.0	5005	50	3.5	17.5

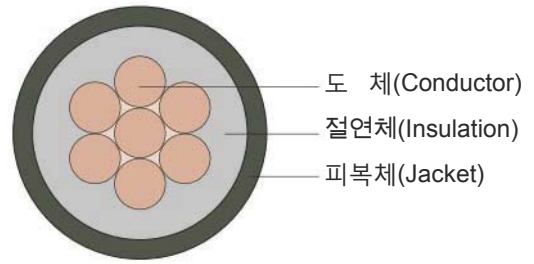
* C.C : Circular Compact stranded

Building Wire(Type THHN/THWN)

UL 83

600V THHN/THWN

- VOLTAGE RATING : 600V
- CONDUCTOR TEMPERATURE : 90℃(194°F)/ 75℃(167°F)
- APPLICATION : Dry and damp/Dry and wet locations.
- DESCRIPTION : Solid or stranded copper conductor,
PVC(Flame-Retardant, Moisture
-Resistant and Heat-Resistant
Thermoplastic) insulation, Nylon jacket
(Optional Aluminum conductors)
- SPECIFICATION : UL83



1. Solid Conductor

Conductor			Average Thick of Insulation	Minimum Thick of Insulation	Minimum Thick of Nylon Jacket	Approx. Overall Dia.	Approx. Net Weight	Minimum Insulation Resistance at 15°C	AC Test Voltage	Spark Test
Size (AWG.)	No. & Dia. of Wire (No./mm)	Approx. Diameter (mm)								
14	1/1.63	1.63	0.38	0.33	0.10	2.7	25	205	2.0	7.5
12	1/2.06	2.06	0.38	0.33	0.10	3.1	35	175	2.0	7.5
10	1/2.59	2.59	0.51	0.46	0.10	4.0	55	180	2.0	7.5
8	1/3.26	3.26	0.76	0.69	0.13	5.5	90	185	2.0	7.5

2. Stranded Conductor

Conductor			Average Thick of Insulation	Minimum Thick of Insulation	Minimum Thick of Nylon Jacket	Approx. Overall Dia.	Approx. Net Weight	Minimum Insulation Resistance at 15°C	AC Test Voltage	Spark Test
Size (AWG, MCM)	No. & Dia. of Wire (No./mm)	Approx. Diameter (mm)								
14	7/0.615	1.85	0.38	0.33	0.10	3.0	25	205	2.0	7.5
12	7/0.775	2.34	0.38	0.33	0.10	3.5	40	175	2.0	7.5
10	7/0.978	2.95	0.51	0.46	0.10	4.5	60	180	2.0	7.5
8	7/1.23	3.70	0.76	0.69	0.13	6.0	100	185	2.0	10.0
6	7/1.56	4.67	0.76	0.69	0.13	7.0	150	155	2.0	10.0
4	7/1.96	5.88	1.02	0.91	0.15	8.5	240	155	2.0	10.0
2	C.C	6.80	1.02	0.91	0.15	9.5	350	130	2.0	10.0
1	C.C	7.63	1.27	1.14	0.18	11.0	450	140	2.5	12.5
1/0	C.C	8.55	1.27	1.14	0.18	12.0	555	130	2.5	12.5
2/0	C.C	9.60	1.27	1.14	0.18	13.0	695	115	2.5	12.5
3/0	C.C	10.80	1.27	1.14	0.18	14.0	860	105	2.5	12.5
4/0	C.C	12.10	1.27	1.14	0.18	15.5	1070	95	2.5	12.5
250	C.C	13.20	1.52	1.38	0.20	17.0	1280	105	3.0	15.0
300	C.C	14.50	1.52	1.38	0.20	18.5	1525	95	3.0	15.0
350	C.C	15.70	1.52	1.38	0.20	19.5	1785	90	3.0	15.0
400	C.C	16.70	1.52	1.38	0.20	22.0	2005	80	3.0	15.0
500	C.C	18.70	1.52	1.38	0.20	22.5	2470	75	3.0	15.0
600	C.C	20.65	1.78	1.60	0.23	25.0	3000	80	3.5	17.5
700	C.C	22.30	1.78	1.60	0.23	26.5	3460	70	3.5	17.5
750	C.C	23.00	1.78	1.60	0.23	27.5	3700	70	3.5	17.5
800	C.C	24.20	1.78	1.60	0.23	28.5	3950	70	3.5	17.5
900	C.C	25.37	1.78	1.60	0.23	30.0	4420	65	3.5	17.5
1000	C.C	26.90	1.78	1.60	0.23	31.5	4895	60	3.5	17.5

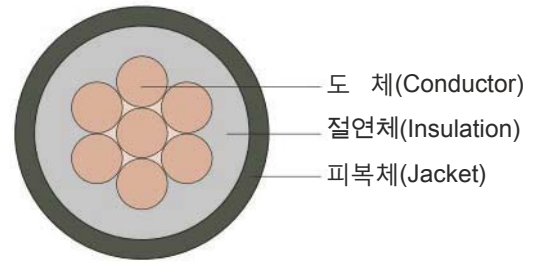
* C.C : Circular Compact stranded

Building Wire(Type THWN-2)

UL 83

600V THWN -2

- VOLTAGE RATING : 600V
- CONDUCTOR TEMPERATURE : 90 °C(194°F)
- APPLICATION : Dry and Wet locations.
- DESCRIPTION : Solid or stranded copper conductor,
PVC(Flame-Retardant, Moisture
-Resistant and Heat-Resistant
Thermoplastic) insulation, Nylon jacket
(Optional Aluminum conductors)
- SPECIFICATION : UL83



1. Solid Conductor

Conductor			Average Thick of Insulation	Minimum Thick of Insulation	Minimum Thick of Nylon Jacket	Approx. Overall Dia.	Approx. Net Weight	Minimum Insulation Resistance at 15°C	AC Test Voltage	Spark Test
Size (AWG.)	No. & Dia. of Wire (No./mm)	Approx. Diameter (mm)								
14	1/1.63	1.63	0.38	0.33	0.10	2.7	25	205	2.0	7.5
12	1/2.06	2.06	0.38	0.33	0.10	3.1	35	175	2.0	7.5
10	1/2.59	2.59	0.51	0.46	0.10	4.0	55	180	2.0	7.5
8	1/3.26	3.26	0.76	0.69	0.13	5.5	90	185	2.0	7.5

2. Stranded Conductor

Conductor			Average Thick of Insulation	Minimum Thick of Insulation	Minimum Thick of Nylon Jacket	Approx. Overall Dia.	Approx. Net Weight	Minimum Insulation Resistance at 15°C	AC Test Voltage	Spark Test
Size (AWG, MCM)	No. & Dia. of Wire (No./mm)	Approx. Diameter (mm)								
14	7/0.615	1.85	0.38	0.33	0.10	3.0	25	205	2.0	7.5
12	7/0.775	2.34	0.38	0.33	0.10	3.5	40	175	2.0	7.5
10	7/0.978	2.95	0.51	0.46	0.10	4.5	60	180	2.0	7.5
8	7/1.23	3.70	0.76	0.69	0.13	6.0	100	185	2.0	10.0
6	7/1.56	4.67	0.76	0.69	0.13	7.0	150	155	2.0	10.0
4	7/1.96	5.88	1.02	0.91	0.15	8.5	240	155	2.0	10.0
2	C.C	6.80	1.02	0.91	0.15	9.5	350	130	2.0	10.0
1	C.C	7.63	1.27	1.14	0.18	11.0	450	140	2.5	12.5
1/0	C.C	8.55	1.27	1.14	0.18	12.0	555	130	2.5	12.5
2/0	C.C	9.60	1.27	1.14	0.18	13.0	695	115	2.5	12.5
3/0	C.C	10.80	1.27	1.14	0.18	14.0	860	105	2.5	12.5
4/0	C.C	12.10	1.27	1.14	0.18	15.5	1070	95	2.5	12.5
250	C.C	13.20	1.52	1.38	0.20	17.0	1280	105	3.0	15.0
300	C.C	14.50	1.52	1.38	0.20	18.5	1525	95	3.0	15.0
350	C.C	15.70	1.52	1.38	0.20	19.5	1785	90	3.0	15.0
400	C.C	16.70	1.52	1.38	0.20	22.0	2005	80	3.0	15.0
500	C.C	18.70	1.52	1.38	0.20	22.5	2470	75	3.0	15.0
600	C.C	20.65	1.78	1.60	0.23	25.0	3000	80	3.5	17.5
700	C.C	22.30	1.78	1.60	0.23	26.5	3460	70	3.5	17.5
750	C.C	23.00	1.78	1.60	0.23	27.5	3700	70	3.5	17.5
800	C.C	24.20	1.78	1.60	0.23	28.5	3950	70	3.5	17.5
900	C.C	25.37	1.78	1.60	0.23	30.0	4420	65	3.5	17.5
1000	C.C	26.90	1.78	1.60	0.23	31.5	4895	60	3.5	17.5

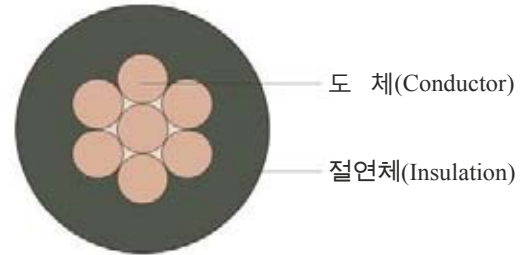
* C.C : Circular Compact stranded

Underground Service Entrance Cable (Type USE-2/RHW-2)

UL 854/UL44

600V USE-2/RHW-2

- VOLTAGE RATING : 600V
- CONDUCTOR TEMPERATURE : 90℃(194°F)
- APPLICATION : Dry and Wet locations.
- DESCRIPTION : Solid or stranded copper conductor ,
XLPE(Flame-Retardant, Heat and
Moisture-Resistant Thermoset)
insulation.
(Optional Aluminum conductors)
- SPECIFICATION : UL854, UL44



1. Solid Conductor

Conductor			Average Thick of Insulation	Minimum Thick of Insulation	Approx. Overall Dia.	Approx. Net Weight	Minimum Insulation Resistance at 15℃	AC Test Voltage	Spark Test
Size (AWG,)	No. & Dia. of Wire (No./mm)	Approx. Diameter (mm)							
14	1/1.63	1.63	1.14	1.02	4.0	33	1080	3.0	7.5
12	1/2.06	2.06	1.14	1.02	4.5	45	920	3.0	7.5
10	1/2.59	2.59	1.14	1.02	5.0	65	770	3.0	7.5
8	1/3.26	3.26	1.52	1.37	6.5	110	810	3.5	10.0

2. Stranded Conductor

Conductor			Average Thick of Insulation	Minimum Thick of Insulation	Approx. Overall Dia.	Approx. Net Weight	Minimum Insulation Resistance at 15℃	AC Test Voltage	Spark Test
Size (AWG, MCM)	No. & Dia. of Wire (No./mm)	Approx. Diameter (mm)							
14	7/0.615	1.85	1.14	1.02	4.5	35	1080	3.0	7.5
12	7/0.775	2.34	1.14	1.02	5.0	50	920	3.0	7.5
10	7/0.978	2.95	1.14	1.02	5.5	70	770	3.0	7.5
8	7/1.23	3.70	1.52	1.37	7.0	115	810	3.5	10.0
6	7/1.56	4.67	1.52	1.37	8.0	165	680	3.5	10.0
4	7/1.96	5.88	1.52	1.37	9.0	245	560	3.5	10.0
2	C.C	6.80	1.52	1.37	10.0	360	470	3.5	10.0
1	C.C	7.63	2.03	1.83	12.0	470	530	4.0	12.5
1/0	C.C	8.55	2.03	1.83	13.0	575	490	4.0	12.5
2/0	C.C	9.60	2.03	1.83	14.0	715	440	4.0	12.5
3/0	C.C	10.80	2.03	1.83	15.0	885	400	4.0	12.5
4/0	C.C	12.10	2.03	1.83	16.5	1095	460	4.0	12.5
250	C.C	13.20	2.41	2.18	18.5	1315	390	5.0	15.0
300	C.C	14.50	2.41	2.18	19.5	1565	360	5.0	15.0
350	C.C	15.70	2.41	2.18	20.5	1800	340	5.0	15.0
400	C.C	16.70	2.41	2.18	23.0	2050	320	5.0	15.0
500	C.C	18.70	2.41	2.18	24.0	2520	290	5.0	15.0
600	C.C	20.65	2.79	2.51	27.0	3035	300	6.0	17.5
700	C.C	22.30	2.79	2.51	28.5	3490	280	6.0	17.5
750	C.C	23.00	2.79	2.51	29.0	3760	270	6.0	17.5
800	C.C	24.20	2.79	2.51	30.5	3975	260	6.0	17.5
900	C.C	25.37	2.79	2.51	31.5	4460	250	6.0	17.5
1000	C.C	26.90	2.79	2.51	33.0	4895	240	6.0	17.5

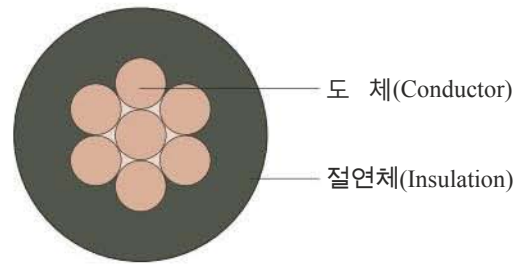
* C.C : Circular Compact stranded

Indoor Cable(Type XHHW)

UL44

600V XHHW

- VOLTAGE RATING : 600V
- CONDUCTOR TEMPERATURE : 90℃(194°F)/75℃(167°F)
- APPLICATION : Dry and damp locations/ Dry and wet locations
- DESCRIPTION : Solid or stranded copper conductor ,
XLPE(Flame-Retardant, Moisture
-Resistant Thermoset) insulation.
(Optional Aluminum conductors)
- SPECIFICATION : UL44



1. Solid Conductor

Conductor			Average Thick of Insulation	Minimum Thick of Insulation	Approx. Overall Dia.	Approx. Net Weight	Minimum Insulation Resistance at 15°C	AC Test Voltage	Spark Test
Size (AWG.)	No. & Dia. of Wire (No./mm)	Approx. Diameter (mm)							
14	1/1.63	1.63	0.76	0.69	3.0	25	810	3.0	7.5
12	1/2.06	2.06	0.76	0.69	3.5	35	680	3.0	7.5
10	1/2.59	2.59	0.76	0.69	4.0	55	560	3.0	7.5
8	1/3.26	3.26	1.14	1.02	5.5	95	650	3.5	10.0

2. Stranded Conductor

Conductor			Average Thick of Insulation	Minimum Thick of Insulation	Approx. Overall Dia.	Approx. Net Weight	Minimum Insulation Resistance at 15°C	AC Test Voltage	Spark Test
Size (AWG, MCM)	No. & Dia. of Wire (No./mm)	Approx. Diameter (mm)							
14	7/0.615	1.85	0.76	0.69	3.5	30	810	3.0	7.5
12	7/0.775	2.34	0.76	0.69	4.0	40	680	3.0	7.5
10	7/0.978	2.95	0.76	0.69	4.5	60	560	3.0	7.5
8	7/1.23	3.70	1.14	1.02	6.0	100	650	3.5	10.0
6	7/1.56	4.67	1.14	1.02	7.0	155	540	3.5	10.0
4	7/1.96	5.88	1.14	1.02	8.5	235	450	3.5	10.0
2	C.C	6.80	1.14	1.02	9.5	345	370	3.5	10.0
1	C.C	7.63	1.40	1.27	10.5	445	390	4.0	12.5
1/0	C.C	8.55	1.40	1.27	11.5	545	350	4.0	12.5
2/0	C.C	9.60	1.40	1.27	12.5	680	320	4.0	12.5
3/0	C.C	10.80	1.40	1.27	14.0	850	290	4.0	12.5
4/0	C.C	12.10	1.40	1.27	15.0	1055	260	4.0	12.5
250	C.C	13.20	1.65	1.47	17.0	1265	280	5.0	15.0
300	C.C	14.50	1.65	1.47	18.0	1505	260	5.0	15.0
350	C.C	15.70	1.65	1.47	19.5	1740	240	5.0	15.0
400	C.C	16.70	1.65	1.47	21.5	1985	220	5.0	15.0
500	C.C	18.70	1.65	1.47	23.0	2480	200	5.0	15.0
600	C.C	20.65	2.03	1.83	25.0	3010	220	6.0	17.5
700	C.C	22.30	2.03	1.83	27.0	3480	210	6.0	17.5
750	C.C	23.00	2.03	1.83	27.5	3675	200	6.0	17.5
800	C.C	24.20	2.03	1.83	28.5	3935	200	6.0	17.5
900	C.C	25.37	2.03	1.83	30.0	4430	190	6.0	17.5
1000	C.C	26.90	2.03	1.83	31.5	4870	180	6.0	17.5

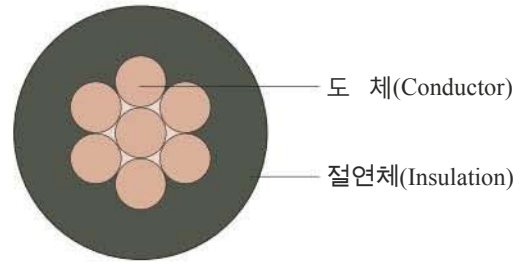
* C.C : Circular Compact stranded

Indoor Cable(Type XHHW-2)

UL44

600V XHHW-2

- VOLTAGE RATING : 600V
- CONDUCTOR TEMPERATURE : 90℃(194°F)
- APPLICATION : Dry and wet locations
- DESCRIPTION : Solid or stranded copper conductor ,
XLPE(Flame-Retardant, Moisture
-Resistant Thermoset) insulation.
(Optional Aluminum conductors)
- SPECIFICATION : UL44



1. Solid Conductor

Conductor			Average Thick of Insulation	Minimum Thick of Insulation	Approx. Overall Dia.	Approx. Net Weight	Minimum Insulation Resistance at 15℃	AC Test Voltage	Spark Test
Size (AWG,)	No. & Dia. of Wire (No./mm)	Approx. Diameter (mm)							
14	1/1.63	1.63	0.76	0.69	3.0	25	810	3.0	7.5
12	1/2.06	2.06	0.76	0.69	3.5	35	680	3.0	7.5
10	1/2.59	2.59	0.76	0.69	4.0	55	560	3.0	7.5
8	1/3.26	3.26	1.14	1.02	5.5	95	650	3.5	10.0

2. Stranded Conductor

Conductor			Average Thick of Insulation	Minimum Thick of Insulation	Approx. Overall Dia.	Approx. Net Weight	Minimum Insulation Resistance at 15℃	AC Test Voltage	Spark Test
Size (AWG, MCM)	No. & Dia. of Wire (No./mm)	Approx. Diameter (mm)							
14	7/0.615	1.85	0.76	0.69	3.5	30	810	3.0	7.5
12	7/0.775	2.34	0.76	0.69	4.0	40	680	3.0	7.5
10	7/0.978	2.95	0.76	0.69	4.5	60	560	3.0	7.5
8	7/1.23	3.70	1.14	1.02	6.0	100	650	3.5	10.0
6	7/1.56	4.67	1.14	1.02	7.0	155	540	3.5	10.0
4	7/1.96	5.88	1.14	1.02	8.5	235	450	3.5	10.0
2	C.C	6.80	1.14	1.02	9.5	345	370	3.5	10.0
1	C.C	7.63	1.40	1.27	10.5	445	390	4.0	12.5
1/0	C.C	8.55	1.40	1.27	11.5	545	350	4.0	12.5
2/0	C.C	9.60	1.40	1.27	12.5	680	320	4.0	12.5
3/0	C.C	10.80	1.40	1.27	14.0	850	290	4.0	12.5
4/0	C.C	12.10	1.40	1.27	15.0	1055	260	4.0	12.5
250	C.C	13.20	1.65	1.47	17.0	1265	280	5.0	15.0
300	C.C	14.50	1.65	1.47	18.0	1505	260	5.0	15.0
350	C.C	15.70	1.65	1.47	19.5	1740	240	5.0	15.0
400	C.C	16.70	1.65	1.47	21.5	1985	220	5.0	15.0
500	C.C	18.70	1.65	1.47	23.0	2480	200	5.0	15.0
600	C.C	20.65	2.03	1.83	25.0	3010	220	6.0	17.5
700	C.C	22.30	2.03	1.83	27.0	3480	210	6.0	17.5
750	C.C	23.00	2.03	1.83	27.5	3675	200	6.0	17.5
800	C.C	24.20	2.03	1.83	28.5	3935	200	6.0	17.5
900	C.C	25.37	2.03	1.83	30.0	4430	190	6.0	17.5
1000	C.C	26.90	2.03	1.83	31.5	4870	180	6.0	17.5

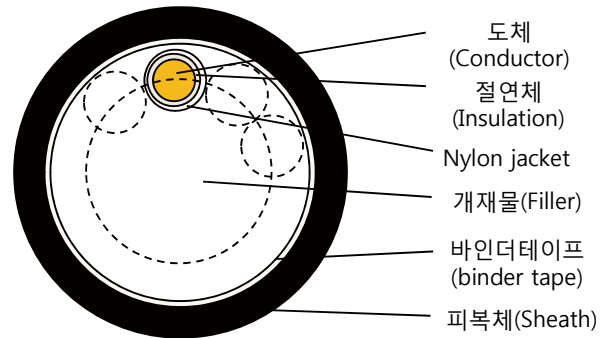
* C.C : Circular Compact stranded

600V TC Cable(Power & Control Cable)

UL 1277

600V THHN/THWN FR-PE

- VOLTAGE RATING : 600V
- CONDUCTOR TEMPERATURE : 90℃(194°F)/ 75℃(167°F)
- APPLICATION : Dry and damp/Dry and wet locations.
- DESCRIPTION : Stranded copper conductor,
PVC(Flame-Retardant ,
Moisture-Resistant and Heat-Resistant
Thermoplastic) insulation, Nylon jacket.
FR-PE sheath.
(Optional Aluminum conductors)
- SPECIFICATION : UL1277
- Color coding : ICEA S-73-532 Table E2, Earth core is green



1. Stranded Conductor

No. of cores	Conductor			Average Thick of Insulation (mm)	Minimum Thick of Insulation (mm)	Minimum Thick of Nylon Jacket (mm)	Average Thick of Sheath (mm)	Minimum Thick of Sheath (mm)	Approx. Overall Dia. (mm)	Approx. Net Weight (kg/km)	Minimum Insulation Resistance at 15°C (MΩ-km)	AC Test Voltage (kV/1min.)	Spark Test (kV)
	Size (AWG, MCM)	No. & Dia. of Wire (No./mm)	Approx. Diameter (mm)										
2C + E	14	7/0.615	1.83	0.38	0.33	0.1	1.14	0.91	9.5	125	205	2	7.5
	14	7/0.615	1.83	0.38	0.33	0.1					205	2	7.5
3C + E	14	7/0.615	1.83	0.38	0.33	0.1	1.14	0.91	10.5	160	205	2	7.5
	14	7/0.615	1.83	0.38	0.33	0.1					205	2	7.5
4C + E	14	7/0.615	1.83	0.38	0.33	0.1	1.14	0.91	11.5	185	205	2	7.5
	14	7/0.615	1.83	0.38	0.33	0.1					205	2	7.5
6C + E	14	7/0.615	1.83	0.38	0.33	0.1	1.14	0.91	12.0	245	205	2	7.5
	14	7/0.615	1.83	0.38	0.33	0.1					205	2	7.5
7C + E	14	7/0.615	1.83	0.38	0.33	0.1	1.14	0.91	13.0	265	205	2	7.5
	14	7/0.615	1.83	0.38	0.33	0.1					205	2	7.5
8C + E	14	7/0.615	1.83	0.38	0.33	0.1	1.14	0.91	14.5	320	205	2	7.5
	14	7/0.615	1.83	0.38	0.33	0.1					205	2	7.5
9C + E	14	7/0.615	1.83	0.38	0.33	0.1	1.52	1.22	16.0	355	205	2	7.5
	14	7/0.615	1.83	0.38	0.33	0.1					205	2	7.5
2C + E	12	7/0.775	2.34	0.38	0.33	0.1	1.52	1.22	11.0	180	175	2	7.5
	12	7/0.775	2.34	0.38	0.33	0.1					175	2	7.5
4C + E	12	7/0.775	2.34	0.38	0.33	0.1	1.14	0.91	12.5	265	175	2	7.5
	12	7/0.775	2.34	0.38	0.33	0.1					175	2	7.5
6C + E	12	7/0.775	2.34	0.38	0.33	0.1	1.52	1.22	14.5	365	175	2	7.5
	12	7/0.775	2.34	0.38	0.33	0.1					175	2	7.5
2C + E	10	7/0.978	2.94	0.51	0.46	0.1	1.14	0.91	12.5	260	180	2	7.5
	10	7/0.978	2.94	0.51	0.46	0.1					180	2	7.5
3C + E	10	7/0.978	2.94	0.51	0.46	0.1	1.14	0.91	14.0	325	180	2	7.5
	10	7/0.978	2.94	0.51	0.46	0.1					180	2	7.5
3C + E	8	7/1.23	3.69	0.76	0.69	0.13	1.52	1.22	18.0	540	185	2	10.0
	8	7/1.23	3.69	0.76	0.69	0.13					185	2	10.0
6C + E	8	7/1.23	3.69	0.76	0.69	0.13	1.52	1.22	21.0	845	185	2	10.0
	8	7/1.23	3.69	0.76	0.69	0.13					185	2	10.0
2C + E	6	7/1.56	4.68	0.76	0.69	0.13	1.52	1.22	18.5	610	155	2	10.0
	6	7/1.56	4.68	0.76	0.69	0.13					155	2	10.0

600V TC Cable(Power & Control Cable)

UL 1277

600V THHN/THWN FR-PE

No. of cores	Conductor			Average Thick of Insulation (mm)	Minimum Thick of Insulation (mm)	Minimum Thick of Nylon Jacket (mm)	Average Thick of Sheath (mm)	Minimum Thick of Sheath (mm)	Approx. Overall Dia. (mm)	Approx. Net Weight (kg/km)	Minimum Insulation Resistance at 15°C (MΩ·km)	AC Test Voltage (kV/1min.)	Spark Test (kV)
	Size (AWG, MCM)	No. & Dia. of Wire (No./mm)	Approx. Diameter (mm)										
3C + E	1	C.C	7.63	1.27	1.14	0.18	2.03	1.63	29.5	1840	140	2.5	12.5
	6	7/1.56	4.68	0.76	0.69	0.13					155	2	10.0
3C + E	2	C.C	6.80	1.02	0.91	0.15	2.03	1.63	26.5	1430	130	2	10.0
	8	7/1.23	3.69	0.76	0.69	0.13					185	2	10.0
4C + E	2	C.C	6.80	1.02	0.91	0.15	2.03	1.63	29.0	1830	130	2	10.0
	8	7/1.23	3.69	0.76	0.69	0.13					185	2	10.0
2C + E	4	7/1.96	5.88	1.02	0.91	0.15	2.03	1.63	23.5	960	155	2	10.0
	4	7/1.96	5.88	1.02	0.91	0.15					155	2	10.0
3C + E	4	7/1.96	5.88	1.02	0.91	0.15	2.03	1.63	24.5	1120	155	2	10.0
	6	7/1.56	4.68	0.76	0.69	0.13					155	2	10.0
3C + E	4	7/1.96	5.88	1.02	0.91	0.15	2.03	1.63	24.0	1060	155	2	10.0
	8	7/1.23	3.69	0.76	0.69	0.13					185	2	10.0
3C + E	1/0	C.C	8.55	1.27	1.14	0.18	2.03	1.63	31.5	2185	130	2.5	12.5
	6	7/1.56	4.68	0.76	0.69	0.13					155	2	10.0
3C + E	2/0	C.C	9.60	1.27	1.14	0.18	2.03	1.63	35.5	2880	115	2.5	12.5
	2	C.C	6.80	1.02	0.91	0.15					130	2	10.0
3C + E	2/0	C.C	9.60	1.27	1.14	0.18	2.03	1.63	34.5	2730	115	2.5	12.5
	4	7/1.96	5.88	1.02	0.91	0.15					155	2	10.0
4C + E	2/0	C.C	9.60	1.27	1.14	0.18	2.03	1.63	37.5	3395	115	2.5	12.5
	6	7/1.56	4.68	0.76	0.69	0.13					155	2	10.0
3C + E	4/0	C.C	12.10	1.27	1.14	0.18	2.03	1.63	39.5	4070	95	2.5	12.5
	2	C.C	6.80	1.02	0.91	0.15					130	2	10.0
3C + E	4/0	C.C	12.10	1.27	1.14	0.18	2.03	1.53	39.0	3945	95	2.5	12.5
	4	7/1.96	5.88	1.02	0.91	0.15					155	2	10.0
4C + E	4/0	C.C	12.10	1.27	1.14	0.18	2.79	2.24	44.5	5120	95	2.5	12.5
	6	7/1.56	4.68	0.76	0.69	0.13					155	2	10.0
3C + E	250	C.C	13.20	1.52	1.38	0.2	2.79	2.24	45.0	5000	105	3	15.0
	1	C.C	7.63	1.27	1.14	0.18					140	2.5	12.5
3C + E	250	C.C	13.20	1.52	1.38	0.2	2.79	2.24	43.5	4735	105	3	15.0
	4	7/1.96	5.88	1.02	0.91	0.15					155	2	10.0
4C + E	250	C.C	13.20	1.52	1.38	0.2	2.79	2.24	47.5	5815	105	3	15.0
	8	7/1.23	3.69	0.76	0.69	0.13					185	2	10.0
4C + E	250	C.C	13.20	1.52	1.38	0.2	2.79	2.24	48.5	6150	105	3	15.0
	4	7/1.96	5.88	1.02	0.91	0.15					155	2	10.0
3C + E	300	C.C	14.50	1.52	1.38	0.2	2.79	2.24	48.5	6090	95	3	15.0
	2/0	C.C	9.60	1.27	1.14	0.18					115	2.5	12.5
4C + E	300	C.C	14.50	1.52	1.38	0.2	2.79	2.24	52.5	7340	95	3	15.0
	2	C.C	6.80	1.02	0.91	0.15					130	2	10.0
3C + F	350	C.C	15.70	1.52	1.38	0.2	2.79	2.24	50.0	6560	90	3	15.0
	1	C.C	7.63	1.27	1.14	0.18					140	2.5	12.5
3C + E	350	C.C	15.70	1.52	1.38	0.2	2.79	2.24	51.5	7035	90	3	15.0
	3/0	C.C	10.80	1.27	1.14	0.18					105	2.5	12.5
3C + E	350	C.C	15.70	1.52	1.38	0.2	2.79	2.24	48.0	6310	90	3	15.0
	4	7/1.96	5.88	1.02	0.91	0.15					155	2	10.0

* C.C : Circular Compact stranded

600V TC Cable(Power & Control Cable)

UL 1277

600V THHN/THWN FR-PE

No. of cores	Conductor			Average Thick of Insulation (mm)	Minimum Thick of Insulation (mm)	Minimum Thick of Nylon Jacket (mm)	Average Thick of Sheath (mm)	Minimum Thick of Sheath (mm)	Approx. Overall Dia. (mm)	Approx. Net Weight (kg/km)	Minimum Insulation Resistance at 15°C (MΩ-km)	AC Test Voltage (kV/1min.)	Spark Test (kV)
	Size (AWG, MCM)	No. & Dia. of Wire (No./mm)	Approx. Diameter (mm)										
3C + E	400	C.C	16.70	1.52	1.38	0.2	2.79	2.24	53.5	7775	80	3	15.0
	3/0	C.C	10.80	1.27	1.14	0.18					105	2.5	12.5
4C + E	400	C.C	16.70	1.52	1.38	0.2	2.79	2.24	56.0	9445	80	3	15.0
	1	C.C	7.63	1.27	1.14	0.18					140	2.5	12.5
4C + E	400	C.C	16.70	1.52	1.38	0.2	2.79	2.24	59.0	9905	80	3	15.0
	3/0	C.C	10.80	1.27	1.14	0.18					105	2.5	12.5
4C + E	400	C.C	16.70	1.52	1.38	0.2	2.79	2.24	55.5	9090	80	3	15.0
	4	7/1.96	5.88	1.02	0.91	0.15					155	2	10.0
3C + E	500	C.C	18.70	1.52	1.38	0.2	2.79	2.24	52.5	8135	75	3	15.0
	2	C.C	6.80	1.02	0.91	0.15					130	2	10.0

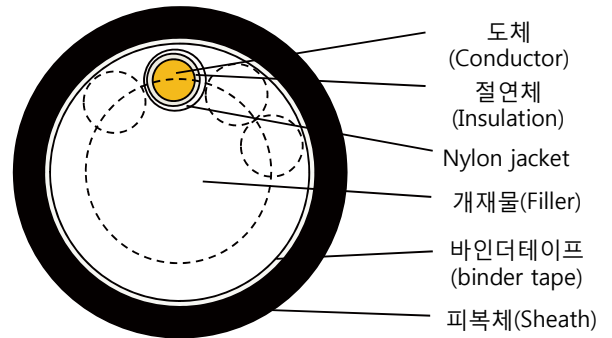
* C.C : Circular Compact stranded

600V TC Cable(Power & Control Cable)

UL 1277

600V THHN/THWN FR-PVC

- VOLTAGE RATING : 600V
- CONDUCTOR TEMPERATURE : 90℃(194°F)/ 75℃(167°F)
- APPLICATION : Dry and damp/Dry and wet locations.
- DESCRIPTION : Stranded copper conductor,
PVC(Flame-Retardant ,
Moisture-Resistant and Heat-Resistant
Thermoplastic) insulation, Nylon jacket.
FR-PVC sheath.
(Optional Aluminum conductors)
- SPECIFICATION : UL1277
- Color coding : ICEA S-73-532 Table E2, Earth core is green



1. Stranded Conductor

No. of cores	Conductor			Average Thick of Insulation	Minimum Thick of Insulation	Minimum Thick of Nylon Jacket	Average Thick of Sheath	Minimum Thick of Sheath	Approx. Overall Dia.	Approx. Net Weight	Minimum Insulation Resistance at 15°C	AC Test Voltage	Spark Test
	Size (AWG, MCM)	No. & Dia. of Wire (No./mm)	Approx. Diameter (mm)										
2C + E	14	7/0.615	1.83	0.38	0.33	0.1	1.14	0.91	9.5	130	205	2	7.5
	14	7/0.615	1.83	0.38	0.33	0.1					205	2	7.5
3C + E	14	7/0.615	1.83	0.38	0.33	0.1	1.14	0.91	10.5	165	205	2	7.5
	14	7/0.615	1.83	0.38	0.33	0.1					205	2	7.5
4C + E	14	7/0.615	1.83	0.38	0.33	0.1	1.14	0.91	11.5	190	205	2	7.5
	14	7/0.615	1.83	0.38	0.33	0.1					205	2	7.5
6C + E	14	7/0.615	1.83	0.38	0.33	0.1	1.14	0.91	12.0	250	205	2	7.5
	14	7/0.615	1.83	0.38	0.33	0.1					205	2	7.5
7C + E	14	7/0.615	1.83	0.38	0.33	0.1	1.14	0.91	13.0	270	205	2	7.5
	14	7/0.615	1.83	0.38	0.33	0.1					205	2	7.5
8C + E	14	7/0.615	1.83	0.38	0.33	0.1	1.52	1.22	14.5	330	205	2	7.5
	14	7/0.615	1.83	0.38	0.33	0.1					205	2	7.5
9C + E	14	7/0.615	1.83	0.38	0.33	0.1	1.52	1.22	16.0	365	205	2	7.5
	14	7/0.615	1.83	0.38	0.33	0.1					205	2	7.5
2C + E	12	7/0.775	2.34	0.38	0.33	0.1	1.14	0.91	11.0	185	175	2	7.5
	12	7/0.775	2.34	0.38	0.33	0.1					175	2	7.5
4C + E	12	7/0.775	2.34	0.38	0.33	0.1	1.14	0.91	12.5	270	175	2	7.5
	12	7/0.775	2.34	0.38	0.33	0.1					175	2	7.5
6C + E	12	7/0.775	2.34	0.38	0.33	0.1	1.52	1.22	14.5	370	175	2	7.5
	12	7/0.775	2.34	0.38	0.33	0.1					175	2	7.5
2C + E	10	7/0.978	2.94	0.51	0.46	0.1	1.14	0.91	12.5	265	180	2	7.5
	10	7/0.978	2.94	0.51	0.46	0.1					180	2	7.5
3C + E	10	7/0.978	2.94	0.51	0.46	0.1	1.14	0.91	14.0	330	180	2	7.5
	10	7/0.978	2.94	0.51	0.46	0.1					180	2	7.5
3C + E	8	7/1.23	3.69	0.76	0.69	0.13	1.52	1.22	18.0	550	185	2	10.0
	8	7/1.23	3.69	0.76	0.69	0.13					185	2	10.0
6C + E	8	7/1.23	3.69	0.76	0.69	0.13	1.52	1.22	21.0	855	185	2	10.0
	8	7/1.23	3.69	0.76	0.69	0.13					185	2	10.0
2C + E	6	7/1.56	4.68	0.76	0.69	0.13	1.52	1.22	18.5	620	155	2	10.0
	6	7/1.56	4.68	0.76	0.69	0.13					155	2	10.0

600V TC Cable(Power & Control Cable)

UL 1277

600V THHN/THWN FR-PVC

No. of cores	Conductor			Average Thick of Insulation (mm)	Minimum Thick of Insulation (mm)	Minimum Thick of Nylon Jacket (mm)	Average Thick of Sheath (mm)	Minimum Thick of Sheath (mm)	Approx. Overall Dia. (mm)	Approx. Net Weight (kg/km)	Minimum Insulation Resistance at 15°C (MΩ-km)	AC Test Voltage (kV/1min.)	Spark Test (kV)
	Size (AWG, MCM)	No. & Dia. of Wire (No./mm)	Approx. Diameter (mm)										
3C + E	1	C.C	7.63	1.27	1.14	0.18	2.03	1.63	29.5	1865	140	2.5	12.5
	6	7/1.56	4.68	0.76	0.69	0.13					155	2	10.0
3C + E	2	C.C	6.80	1.02	0.91	0.15	2.03	1.63	26.5	1455	130	2	10.0
	8	7/1.23	3.69	0.76	0.69	0.13					185	2	10.0
4C + E	2	C.C	6.80	1.02	0.91	0.15	2.03	1.63	29.0	1855	130	2	10.0
	8	7/1.23	3.69	0.76	0.69	0.13					185	2	10.0
2C + E	4	7/1.96	5.88	1.02	0.91	0.15	2.03	1.63	23.5	960	155	2	10.0
	4	7/1.96	5.88	1.02	0.91	0.15					155	2	10.0
3C + E	4	7/1.96	5.88	1.02	0.91	0.15	2.03	1.63	24.5	1120	155	2	10.0
	6	7/1.56	4.68	0.76	0.69	0.13					155	2	10.0
3C + E	4	7/1.96	5.88	1.02	0.91	0.15	2.03	1.63	24.0	1060	155	2	10.0
	8	7/1.23	3.69	0.76	0.69	0.13					185	2	10.0
3C + E	1/0	C.C	8.55	1.27	1.14	0.18	2.03	1.63	31.5	2210	130	2.5	12.5
	6	7/1.56	4.68	0.76	0.69	0.13					155	2	10.0
3C + E	2/0	C.C	9.60	1.27	1.14	0.18	2.03	1.63	35.5	2905	115	2.5	12.5
	2	C.C	6.80	1.02	0.91	0.15					130	2	10.0
3C + E	2/0	C.C	9.60	1.27	1.14	0.18	2.03	1.63	34.5	2755	115	2.5	12.5
	4	7/1.96	5.88	1.02	0.91	0.15					155	2	10.0
4C + E	2/0	C.C	9.60	1.27	1.14	0.18	2.03	1.63	37.5	3410	115	2.5	12.5
	6	7/1.56	4.68	0.76	0.69	0.13					155	2	10.0
3C + E	4/0	C.C	12.10	1.27	1.14	0.18	2.03	1.63	39.5	4105	95	2.5	12.5
	2	C.C	6.80	1.02	0.91	0.15					130	2	10.0
3C + E	4/0	C.C	12.10	1.27	1.14	0.18	2.03	1.53	39.0	3975	95	2.5	12.5
	4	7/1.96	5.88	1.02	0.91	0.15					155	2	10.0
4C + E	4/0	C.C	12.10	1.27	1.14	0.18	2.79	2.24	44.5	5150	95	2.5	12.5
	6	7/1.56	4.68	0.76	0.69	0.13					155	2	10.0
3C + E	250	C.C	13.20	1.52	1.38	0.2	2.79	2.24	45.0	5040	105	3	15.0
	1	C.C	7.63	1.27	1.14	0.18					140	2.5	12.5
3C + E	250	C.C	13.20	1.52	1.38	0.2	2.79	2.24	43.5	4775	105	3	15.0
	4	7/1.96	5.88	1.02	0.91	0.15					155	2	10.0
4C + E	250	C.C	13.20	1.52	1.38	0.2	2.79	2.24	47.5	5870	105	3	15.0
	8	7/1.23	3.69	0.76	0.69	0.13					185	2	10.0
4C + E	250	C.C	13.20	1.52	1.38	0.2	2.79	2.24	48.5	6260	105	3	15.0
	4	7/1.96	5.88	1.02	0.91	0.15					155	2	10.0
3C + E	300	C.C	14.50	1.52	1.38	0.2	2.79	2.24	48.5	6150	95	3	15.0
	2/0	C.C	9.60	1.27	1.14	0.18					115	2.5	12.5
4C + E	300	C.C	14.50	1.52	1.38	0.2	2.79	2.24	52.5	7540	95	3	15.0
	2	C.C	6.80	1.02	0.91	0.15					130	2	10.0
3C + E	350	C.C	15.70	1.52	1.38	0.2	2.79	2.24	50.0	6750	90	3	15.0
	1	C.C	7.63	1.27	1.14	0.18					140	2.5	12.5
3C + E	350	C.C	15.70	1.52	1.38	0.2	2.79	2.24	51.5	7100	90	3	15.0
	3/0	C.C	10.80	1.27	1.14	0.18					105	2.5	12.5
3C + E	350	C.C	15.70	1.52	1.38	0.2	2.79	2.24	48.0	6510	90	3	15.0
	4	7/1.96	5.88	1.02	0.91	0.15					155	2	10.0

* C.C : Circular Compact stranded

600V TC Cable(Power & Control Cable)

UL 1277

600V THHN/THWN FR-PVC

No. of cores	Conductor			Average Thick of Insulation (mm)	Minimum Thick of Insulation (mm)	Minimum Thick of Nylon Jacket (mm)	Average Thick of Sheath (mm)	Minimum Thick of Sheath (mm)	Approx. Overall Dia. (mm)	Approx. Net Weight (kg/km)	Minimum Insulation Resistance at 15°C (MΩ-km)	AC Test Voltage (kV/1min.)	Spark Test (kV)
	Size (AWG, MCM)	No. & Dia. of Wire (No./mm)	Approx. Diameter (mm)										
3C + E	400	C.C	16.70	1.52	1.38	0.2	2.79	2.24	53.5	7850	80	3	15.0
	3/0	C.C	10.80	1.27	1.14	0.18					105	2.5	12.5
4C + E	400	C.C	16.70	1.52	1.38	0.2	2.79	2.24	56.0	9515	80	3	15.0
	1	C.C	7.63	1.27	1.14	0.18					140	2.5	12.5
4C + E	400	C.C	16.70	1.52	1.38	0.2	2.79	2.24	59.0	9975	80	3	15.0
	3/0	C.C	10.80	1.27	1.14	0.18					105	2.5	12.5
4C + E	400	C.C	16.70	1.52	1.38	0.2	2.79	2.24	55.5	9160	80	3	15.0
	4	7/1.96	5.88	1.02	0.91	0.15					155	2	10.0
3C + E	500	C.C	18.70	1.52	1.38	0.2	2.79	2.24	52.5	8195	75	3	15.0
	2	C.C	6.80	1.02	0.91	0.15					130	2	10.0

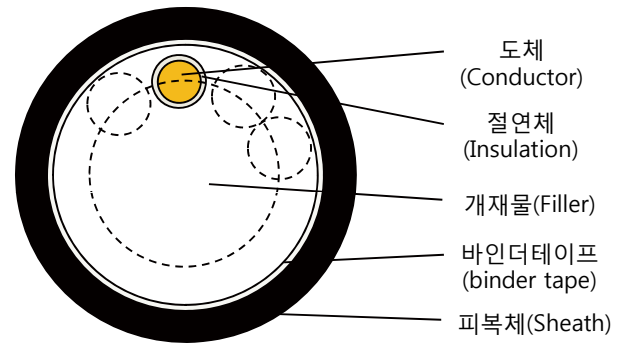
* C.C : Circular Compact stranded

600V TC Cable(Power & Control Cable)

UL 1277

600V XHHW-2 FR-PVC

- VOLTAGE RATING : 600V
- CONDUCTOR TEMPERATURE : 90℃(194°F)
- APPLICATION : Dry and wet locations.
- DESCRIPTION : Solid or stranded copper conductor ,
XLPE(Flame-Retardant ,
Moisture-Resistant Thermoset) insulation.
FR-PVC
(Optional Aluminum conductors)
- SPECIFICATION : UL1277
- Color coding : ICEA S-73-532 Table E2, Earth core is green



1. Stranded Conductor

No. of cores	Conductor			Average Thick of Insulation	Minimum Thick of Insulation	Average Thick of Sheath	Minimum Thick of Sheath	Approx. Overall Dia.	Approx. Net Weight	Minimum Insulation Resistance at 15°C	AC Test Voltage	Spark Test
	Size	No. & Dia. of Wire	Approx. Diameter									
(AWG, MCM)	(No./mm)	(mm)	(mm)	(mm)	(mm)	(mm)	(mm)	(mm)	(kg/km)	(MΩ·km)	(kV/1min.)	(kV)
2C + E	14	7/0.615	1.83	0.76	0.69	1.14	0.91	11.0	150	810	3.0	7.5
	14	7/0.615	1.83	0.76	0.69					810	3.0	7.5
3C + E	14	7/0.615	1.83	0.76	0.69	1.14	0.91	12.0	185	810	3.0	7.5
	14	7/0.615	1.83	0.76	0.69					810	3.0	7.5
4C + E	14	7/0.615	1.83	0.76	0.69	1.14	0.91	13.0	225	810	3.0	7.5
	14	7/0.615	1.83	0.76	0.69					810	3.0	7.5
6C + E	14	7/0.615	1.83	0.76	0.69	1.14	0.91	14.0	285	810	3.0	7.5
	14	7/0.615	1.83	0.76	0.69					810	3.0	7.5
7C + E	14	7/0.615	1.83	0.76	0.69	1.14	0.91	15.5	345	810	3.0	7.5
	14	7/0.615	1.83	0.76	0.69					810	3.0	7.5
8C + E	14	7/0.615	1.83	0.76	0.69	1.52	1.22	16.5	375	810	3.0	7.5
	14	7/0.615	1.83	0.76	0.69					810	3.0	7.5
9C + E	14	7/0.615	1.83	0.76	0.69	1.52	1.22	18.0	430	810	3.0	7.5
	14	7/0.615	1.83	0.76	0.69					810	3.0	7.5
2C + E	12	7/0.775	2.34	0.76	0.69	1.14	0.91	12.0	200	680	3.0	7.5
	12	7/0.775	2.34	0.76	0.69					680	3.0	7.5
4C + E	12	7/0.775	2.34	0.76	0.69	1.14	0.91	14.0	300	680	3.0	7.5
	12	7/0.775	2.34	0.76	0.69					680	3.0	7.5
6C + E	12	7/0.775	2.34	0.76	0.69	1.52	1.22	16.0	410	680	3.0	7.5
	12	7/0.775	2.34	0.76	0.69					680	3.0	7.5
2C + E	10	7/0.978	2.94	0.76	0.69	1.14	0.91	13.5	280	560	3.0	7.5
	10	7/0.978	2.94	0.76	0.69					560	3.0	7.5
3C + E	10	7/0.978	2.94	0.76	0.69	1.14	0.91	14.5	355	560	3.0	7.5
	10	7/0.978	2.94	0.76	0.69					560	3.0	7.5
3C + E	8	7/1.23	3.69	1.14	1.02	1.52	1.22	19.0	580	650	3.0	10.0
	8	7/1.23	3.69	1.14	1.02					650	3.0	10.0
6C + E	8	7/1.23	3.69	1.14	1.02	1.52	1.22	22.5	915	650	3.0	10.0
	8	7/1.23	3.69	1.14	1.02					650	3.0	10.0
2C + E	6	7/1.56	4.68	1.14	1.02	1.52	1.22	19.5	650	540	3.0	10.0
	6	7/1.56	4.68	1.14	1.02					540	3.0	10.0

Outdoor Power Cable

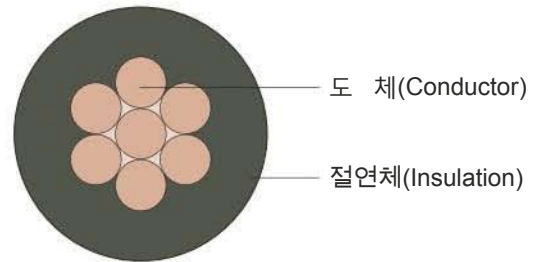
ICEA S-70-547

WP

■ CONDUCTOR TEMPERATURE : 75°C(167 °F)

■ DESCRIPTION : Hard-drawn solid or stranded copper conductor , LDPE insulation
(Optional Aluminum conductors)

■ SPECIFICATION : ICEA S-70-547



1. Solid Conductor

Conductor			Nominal Thick of Insulation	Minimum Thick of Insulation	Approx. Overall Dia.	Approx. Net Weight
Size (AWG.)	No. & Dia. of Wire (No./mm)	Approx. Diameter (mm)				
10	1/2.59	2.59	0.76	0.68	4.5	60
8	1/3.26	3.26	0.76	0.68	5.0	85
6	1/2.59	2.59	0.76	0.68	6.0	135
4	1/3.26	3.26	0.76	0.68	7.0	210

2. Stranded Conductor

Conductor			Nominal Thick of Insulation	Minimum Thick of Insulation	Approx. Overall Dia.	Approx. Net Weight
Size (AWG, MCM)	No. & Dia. of Wire (No./mm)	Approx. Diameter (mm)				
8	7/1.23	3.70	0.76	0.68	5.5	90
6	7/1.56	4.67	0.76	0.68	6.5	140
4	7/1.96	5.88	0.76	0.68	8.0	220
2	7/2.47	7.42	1.14	1.04	10	350
1	19/1.69	8.43	1.14	1.04	11	430
1/0	19/1.89	9.46	1.52	1.37	13	545
2/0	19/2.13	10.6	1.52	1.37	14	680
3/0	19/2.39	11.9	1.52	1.37	15.5	850
4/0	19/2.68	13.4	1.52	1.37	17	1,060
250	37/2.09	14.6	1.52	1.37	18	1,250
300	37/2.29	16	1.52	1.37	19.5	1,500
350	37/2.47	17.3	1.52	1.37	20.5	1,750
400	37/2.64	18.5	2.03	1.83	23	2,000
500	37/2.95	20.7	2.03	1.83	25	2,480
600	61/2.52	22.7	2.03	1.83	27	3,000
700	61/2.72	24.5	2.03	1.83	29	3,450
750	61/2.82	25.3	2.03	1.83	30	3,700
800	61/2.91	26.2	2.03	1.83	30.5	3,900
900	61/3.09	27.8	2.03	1.83	32.5	4,410
1000	61/3.25	29.3	2.41	2.18	34.5	4,900

Power Cable

FAA AC 150/5345-7F

5kV OC(Air port lighting cable, Type C)

- VOLTAGE RATING : 5kV (100% insulation level)
- CONDUCTOR TEMPERATURE : 90 °C (194F)
- DESCRIPTION : Airport lighting circuit.
Stranded plain copper conductor,
conductor shield, XLPE insulation.
(Optional Aluminum conductors)
- SPECIFICATION : FAA AC 150/5345-7F(FAA-L-824, Type C)
ICEA S-96-659
ROME 7864



1. Stranded Conductor

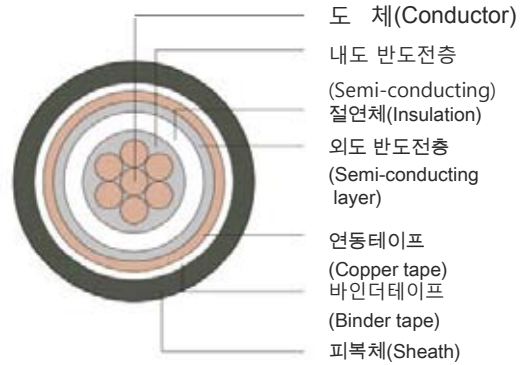
Conductor			Minimum Thick of Conductor Screen	Average Thick of Insulation	Minimum Thick of Insulation	Approx. Overall Dia.	Approx. Net Weight	Minimum Insulation Resistance Constant K at 15.6°C (MΩ-km)	AC Test Voltage
Size (AWG.)	No. & Dia. of Wire (No./mm)	Approx. Diameter (mm)	(mm)	(mm)	(mm)	(mm)	(kg/km)		(kV/5min.)
8	7/1.23	3.69	0.06	2.79	2.52	10.0	140	6100	13
6	7/1.56	4.68	0.06	2.79	2.52	11.0	200	6100	13
4	7/1.96	5.88	0.06	2.79	2.52	12.0	275	6100	13

Power Cable

UL 1072

5kV DBE

- VOLTAGE RATING : 5kV (100% & 133% insulation level)
- CONDUCTOR TEMPERATURE : 90 °C(194F)
- DESCRIPTION : Compact or compress stranded plain copper conductor, conductor shield, XLPE insulation, insulation shield , metallic shield, PE sheath.
All sizes may be installed for direct buried, duct and aerial application
(Optional Aluminum conductors)
- SPECIFICATION : UL 1072



1. Compact stranded Conductor

Conductor			Minimum Thick of Conductor Screen	Minimum Thick of Insulation	Maximum Thick of Insulation	Minimum Thick of Insulation Screen	Minimum Thick of Sheath	Approx. Overall Dia.	Approx. Net Weight	Minimum Insulation Resistance Constant K at 15.6°C (MΩ-km)	AC Test Voltage
Size (AWG, MCM)	No. & Dia. of Wire (No./mm)	Approx. Diameter (mm)									
2	C.C	6.80	0.15	2.16	3.05	0.61	1.40	19.5	630	6100	18
1	C.C	7.63	0.15	2.16	3.05	0.61	1.40	20.5	730	6100	18
1/0	C.C	8.55	0.15	2.16	3.05	0.61	1.78	22	875	6100	18
2/0	C.C	9.60	0.15	2.16	3.05	0.61	1.78	23.5	1035	6100	18
3/0	C.C	10.80	0.15	2.16	3.05	0.61	1.78	24.5	1220	6100	18
4/0	C.C	12.10	0.15	2.16	3.05	0.61	1.78	25.5	1450	6100	18
250	C.C	13.20	0.15	2.16	3.05	0.61	1.78	27.0	1665	6100	18
300	C.C	14.50	0.15	2.16	3.05	0.61	1.78	28.0	1920	6100	18
350	C.C	15.70	0.15	2.16	3.05	0.61	1.78	29.5	2165	6100	18
400	C.C	16.70	0.15	2.16	3.05	0.61	1.78	30.0	2430	6100	18
500	C.C	18.70	0.15	2.16	3.05	0.81	1.78	33.0	2964	6100	18
600	C.C	20.65	0.15	2.16	3.05	0.81	1.78	34.5	3475	6100	18
750	C.C	23.00	0.15	2.16	3.05	0.81	1.78	37.5	4250	6100	18
1000	C.C	26.90	0.15	2.16	3.05	0.81	1.78	41.5	5490	6100	18

2. Compress stranded Conductor

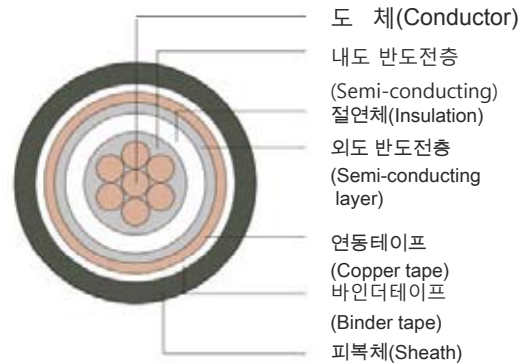
Conductor			Minimum Thick of Conductor Screen	Minimum Thick of Insulation	Maximum Thick of Insulation	Minimum Thick of Insulation Screen	Minimum Thick of Sheath	Approx. Overall Dia.	Approx. Net Weight	Minimum Insulation Resistance Constant K at 15.6°C (MΩ-km)	AC Test Voltage
Size (AWG, MCM)	No. & Dia. of Wire (No./mm)	Approx. Diameter (mm)									
4	C.P	5.72	0.15	2.16	3.05	0.61	1.40	18.5	490	6100	18
2	C.P	7.20	0.15	2.16	3.05	0.61	1.40	20.0	640	6100	18
1	C.P	8.10	0.15	2.16	3.05	0.61	1.40	21.0	745	6100	18
1/0	C.P	9.17	0.15	2.16	3.05	0.61	1.78	22.5	890	6100	18
2/0	C.P	10.30	0.15	2.16	3.05	0.61	1.78	24.0	1055	6100	18
3/0	C.P	11.58	0.15	2.16	3.05	0.61	1.78	25.0	1245	6100	18
4/0	C.P	12.90	0.15	2.16	3.05	0.61	1.78	26.5	1480	6100	18
250	C.P	14.18	0.15	2.16	3.05	0.61	1.78	28.0	1700	6100	18
300	C.P	15.50	0.15	2.16	3.05	0.61	1.78	29.0	1960	6100	18
350	C.P	16.80	0.15	2.16	3.05	0.61	1.78	30.5	2210	6100	18
400	C.P	18.00	0.15	2.16	3.05	0.61	1.78	31.5	2480	6100	18
500	C.P	20.00	0.15	2.16	3.05	0.81	1.78	34.5	3025	6100	18
600	C.P	22.00	0.15	2.16	3.05	0.81	1.78	36.0	3540	6100	18
750	C.P	24.60	0.15	2.16	3.05	0.81	1.78	39.0	4325	6100	18
1000	C.P	28.40	0.15	2.16	3.05	0.81	1.78	43.0	5590	6100	18

Power Cable

UL 1072

8kV DBE

- VOLTAGE RATING : 8kV (133% insulation level)
- CONDUCTOR TEMPERATURE : 90 °C (194F)
- DESCRIPTION : Compact or compress stranded plain copper conductor, conductor shield, XLPE insulation, insulation shield, metallic shield, PE sheath.
All sizes may be installed for direct buried, duct and aerial application
(Optional Aluminum conductors)
- SPECIFICATION : UL 1072



1. Compact stranded Conductor

Conductor			Minimum Thick of Conductor Screen (mm)	Minimum Thick of Insulation (mm)	Maximum Thick of Insulation (mm)	Minimum Thick of Insulation Screen (mm)	Minimum Thick of Sheath (mm)	Approx. Overall Dia. (mm)	Approx. Net Weight (kg/km)	Minimum Insulation Resistance Constant K at 15.6°C (MΩ-km)	AC Test Voltage (kV/5min.)
Size (AWG, MCM)	No. & Dia. of Wire (No./mm)	Approx. Diameter (mm)									
2	C.C	6.80	0.15	3.43	4.32	0.61	1.78	23.0	740	6100	28
1	C.C	7.63	0.15	3.43	4.32	0.61	1.78	23.5	845	6100	28
1/0	C.C	8.55	0.15	3.43	4.32	0.61	1.78	24.5	970	6100	28
2/0	C.C	9.60	0.15	3.43	4.32	0.61	1.78	26.0	1135	6100	28
3/0	C.C	10.80	0.15	3.43	4.32	0.61	1.78	27.0	1325	6100	28
4/0	C.C	12.10	0.15	3.43	4.32	0.61	1.78	28.0	1560	6100	28
250	C.C	13.20	0.15	3.43	4.32	0.61	1.78	29.0	1775	6100	28
300	C.C	14.50	0.15	3.43	4.32	0.61	1.78	30.5	2040	6100	28
350	C.C	15.70	0.15	3.43	4.32	0.81	1.78	32.0	2300	6100	28
400	C.C	16.70	0.15	3.43	4.32	0.81	1.78	32.5	2560	6100	28
500	C.C	18.70	0.15	3.43	4.32	0.81	1.78	35.0	3110	6100	28
600	C.C	20.65	0.15	3.43	4.32	0.81	1.78	37.0	3680	6100	28
750	C.C	23.00	0.15	3.43	4.32	0.81	1.78	39.5	4395	6100	28
1000	C.C	26.90	0.15	3.43	4.32	0.81	2.54	45.5	5790	6100	28

2. Compress stranded Conductor

Conductor			Minimum Thick of Conductor Screen (mm)	Minimum Thick of Insulation (mm)	Maximum Thick of Insulation (mm)	Minimum Thick of Insulation Screen (mm)	Minimum Thick of Sheath (mm)	Approx. Overall Dia. (mm)	Approx. Net Weight (kg/km)	Minimum Insulation Resistance Constant K at 15.6°C (MΩ-km)	AC Test Voltage (kV/5min.)
Size (AWG, MCM)	No. & Dia. of Wire (No./mm)	Approx. Diameter (mm)									
4	C.P	5.72	0.15	3.43	4.32	0.61	1.40	21.0	575	6100	28
2	C.P	7.20	0.15	3.43	4.32	0.61	1.78	23.5	755	6100	28
1	C.P	8.10	0.15	3.43	4.32	0.61	1.78	24.0	860	6100	28
1/0	C.P	9.17	0.15	3.43	4.32	0.61	1.78	25.0	990	6100	28
2/0	C.P	10.30	0.15	3.43	4.32	0.61	1.78	26.5	1155	6100	28
3/0	C.P	11.58	0.15	3.43	4.32	0.61	1.78	27.5	1350	6100	28
4/0	C.P	12.90	0.15	3.43	4.32	0.61	1.78	29.0	1590	6100	28
250	C.P	14.18	0.15	3.43	4.32	0.61	1.78	30.0	1810	6100	28
300	C.P	15.50	0.15	3.43	4.32	0.61	1.78	31.5	2080	6100	28
350	C.P	16.80	0.15	3.43	4.32	0.81	1.78	33.0	2345	6100	28
400	C.P	18.00	0.15	3.43	4.32	0.81	1.78	34.0	2610	6100	28
500	C.P	20.00	0.15	3.43	4.32	0.81	1.78	36.5	3165	6100	28
600	C.P	22.00	0.15	3.43	4.32	0.81	1.78	38.5	3740	6100	28
750	C.P	24.60	0.15	3.43	4.32	0.81	1.78	41.0	4460	6100	28
1000	C.P	28.40	0.15	3.43	4.32	0.81	2.54	47.0	5875	6100	28

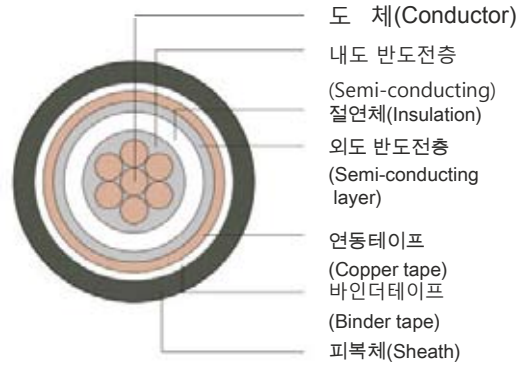
Power Cable

UL 1072

15kV DBE

- VOLTAGE RATING : 15kV (133% insulation level)
- CONDUCTOR TEMPERATURE : 90 °C(194F)
- DESCRIPTION : Compact or compress stranded plain copper conductor, conductor shield, XLPE insulation, insulation shield , metallic shield, PE sheath.
All sizes may be installed for direct buried, duct and aerial application
(Optional Aluminum conductors)

- SPECIFICATION : UL 1072



1. Compact stranded Conductor

Conductor			Minimum Thick of Conductor Screen	Minimum Thick of Insulation	Maximum Thick of Insulation	Minimum Thick of Insulation Screen	Minimum Thick of Sheath	Approx. Overall Dia.	Approx. Net Weight	Minimum Insulation Resistance Constant K at 15.6°C (MΩ-km)	AC Test Voltage
Size (AWG, MCM)	No. & Dia. of Wire (No./mm)	Approx. Diameter (mm)									
2	C.C	6.80	0.15	5.33	6.35	0.61	1.78	26.5	900	6100	44
1	C.C	7.63	0.15	5.33	6.35	0.61	1.78	27.5	1015	6100	44
1/0	C.C	8.55	0.15	5.33	6.35	0.61	1.78	28.5	1150	6100	44
2/0	C.C	9.60	0.15	5.33	6.35	0.61	1.78	30.0	1315	6100	44
3/0	C.C	10.80	0.15	5.33	6.35	0.61	1.78	31.0	1520	6100	44
4/0	C.C	12.10	0.15	5.33	6.35	0.81	1.78	32.5	1780	6100	44
250	C.C	13.20	0.15	5.33	6.35	0.81	1.78	33.5	2000	6100	44
300	C.C	14.50	0.15	5.33	6.35	0.81	1.78	35.0	2275	6100	44
350	C.C	15.70	0.15	5.33	6.35	0.81	1.78	36.0	2545	6100	44
400	C.C	16.70	0.15	5.33	6.35	0.81	1.78	37.0	2825	6100	44
500	C.C	18.70	0.15	5.33	6.35	0.81	1.78	39.0	3345	6100	44
600	C.C	20.65	0.15	5.33	6.35	0.81	1.78	43.0	4000	6100	44
750	C.C	23.00	0.15	5.33	6.35	0.81	2.54	45.5	4795	6100	44
1000	C.C	26.90	0.15	5.33	6.35	1.02	2.54	50.0	6130	6100	44

2. Compress stranded Conductor

Conductor			Minimum Thick of Conductor Screen	Minimum Thick of Insulation	Maximum Thick of Insulation	Minimum Thick of Insulation Screen	Minimum Thick of Sheath	Approx. Overall Dia.	Approx. Net Weight	Minimum Insulation Resistance Constant K at 15.6°C (MΩ-km)	AC Test Voltage
Size (AWG, MCM)	No. & Dia. of Wire (No./mm)	Approx. Diameter (mm)									
2	C.P	7.20	0.15	5.33	6.35	0.61	1.78	27.0	920	6100	44
1	C.P	8.10	0.15	5.33	6.35	0.61	1.78	28.0	1035	6100	44
1/0	C.P	9.17	0.15	5.33	6.35	0.61	1.78	29.0	1170	6100	44
2/0	C.P	10.30	0.15	5.33	6.35	0.61	1.78	30.5	1340	6100	44
3/0	C.P	11.58	0.15	5.33	6.35	0.61	1.78	31.5	1545	6100	44
4/0	C.P	12.90	0.15	5.33	6.35	0.81	1.78	33.5	1815	6100	44
250	C.P	14.18	0.15	5.33	6.35	0.81	1.78	34.5	2040	6100	44
300	C.P	15.50	0.15	5.33	6.35	0.81	1.78	36.0	2320	6100	44
350	C.P	16.80	0.15	5.33	6.35	0.81	1.78	37.0	2595	6100	44
400	C.P	18.00	0.15	5.33	6.35	0.81	1.78	38.5	2880	6100	44
500	C.P	20.00	0.15	5.33	6.35	0.81	1.78	40.5	3410	6100	44
600	C.P	22.00	0.15	5.33	6.35	0.81	1.78	44.5	4070	6100	44
750	C.P	24.60	0.15	5.33	6.35	0.81	2.54	47.0	4870	6100	44
1000	C.P	28.40	0.15	5.33	6.35	1.02	2.54	51.5	6220	6100	44

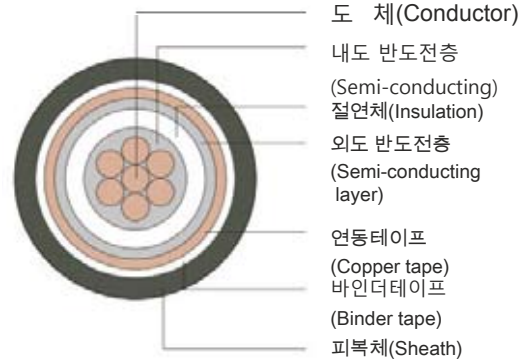
Power Cable

UL 1072

25kV DBE

- VOLTAGE RATING : 25kV (133% insulation level)
- CONDUCTOR TEMPERATURE : 90 °C (194F)
- DESCRIPTION : Compact or compress stranded plain copper conductor, conductor shield, XLPE insulation, insulation shield, metallic shield, PE sheath.
All sizes may be installed for direct buried, duct and aerial application
(Optional Aluminum conductors)

- SPECIFICATION : UL 1072



1. Compact stranded Conductor

Conductor			Minimum Thick of Conductor Screen (mm)	Minimum Thick of Insulation (mm)	Maximum Thick of Insulation (mm)	Minimum Thick of Insulation Screen (mm)	Minimum Thick of Sheath (mm)	Approx. Overall Dia. (mm)	Approx. Net Weight (kg/km)	Minimum Insulation Resistance Constant K at 15.6°C (MΩ-km)	AC Test Voltage (kV/5min.)
Size (AWG, MCM)	No. & Dia. of Wire (No./mm)	Approx. Diameter (mm)									
1	C.C	7.63	0.15	8.38	9.53	0.81	1.78	34.0	1335	6100	64
1/0	C.C	8.55	0.15	8.38	9.53	0.81	1.78	35.0	1475	6100	64
2/0	C.C	9.60	0.15	8.38	9.53	0.81	1.78	36.0	1660	6100	64
3/0	C.C	10.80	0.15	8.38	9.53	0.81	1.78	37.0	1865	6100	64
4/0	C.C	12.10	0.15	8.38	9.53	0.81	1.78	38.5	2120	6100	64
250	C.C	13.20	0.15	8.38	9.53	0.81	1.78	39.5	2355	6100	64
300	C.C	14.50	0.15	8.38	9.53	0.81	1.78	41.0	2640	6100	64
350	C.C	15.70	0.15	8.38	9.53	0.81	2.54	44.0	3035	6100	64
400	C.C	16.70	0.15	8.38	9.53	0.81	2.54	45.0	3330	6100	64
500	C.C	18.70	0.15	8.38	9.53	1.02	2.54	47.0	3910	6100	64
600	C.C	20.65	0.15	8.38	9.53	1.02	2.54	49.0	4465	6100	64
750	C.C	23.00	0.15	8.38	9.53	1.02	2.54	52.0	5295	6100	64
1000	C.C	26.90	0.15	8.38	9.53	1.02	2.54	55.5	6620	6100	64

2. Compress stranded Conductor

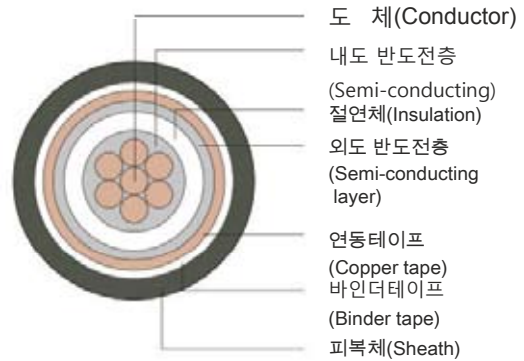
Conductor			Minimum Thick of Conductor Screen (mm)	Minimum Thick of Insulation (mm)	Maximum Thick of Insulation (mm)	Minimum Thick of Insulation Screen (mm)	Minimum Thick of Sheath (mm)	Approx. Overall Dia. (mm)	Approx. Net Weight (kg/km)	Minimum Insulation Resistance Constant K at 15.6°C (MΩ-km)	AC Test Voltage (kV/5min.)
Size (AWG, MCM)	No. & Dia. of Wire (No./mm)	Approx. Diameter (mm)									
1	C.P	8.10	0.15	8.38	9.53	0.81	1.78	34.5	1360	6100	64
1/0	C.P	9.17	0.15	8.38	9.53	0.81	1.78	35.5	1505	6100	64
2/0	C.P	10.30	0.15	8.38	9.53	0.81	1.78	36.5	1690	6100	64
3/0	C.P	11.58	0.15	8.38	9.53	0.81	1.78	37.5	1900	6100	64
4/0	C.P	12.90	0.15	8.38	9.53	0.81	1.78	39.5	2160	6100	64
250	C.P	14.18	0.15	8.38	9.53	0.81	1.78	40.5	2400	6100	64
300	C.P	15.50	0.15	8.38	9.53	0.81	1.78	42.0	2690	6100	64
350	C.P	16.80	0.15	8.38	9.53	0.81	2.54	45.0	3095	6100	64
400	C.P	18.00	0.15	8.38	9.53	0.81	2.54	46.5	3395	6100	64
500	C.P	20.00	0.15	8.38	9.53	1.02	2.54	48.5	3985	6100	64
600	C.P	22.00	0.15	8.38	9.53	1.02	2.54	50.5	4545	6100	64
750	C.P	24.60	0.15	8.38	9.53	1.02	2.54	53.5	5380	6100	64
1000	C.P	28.40	0.15	8.38	9.53	1.02	2.54	57.0	6720	6100	64

Power Cable

UL 1072

5kV DB

- VOLTAGE RATING : 5kV (100% & 133% insulation level)
- CONDUCTOR TEMPERATURE : 90 °C(194F)
- DESCRIPTION : Compact or compress stranded plain copper conductor, conductor shield, XLPE insulation, insulation shield, metallic shield, PVC sheath.
All sizes may be installed for direct buried, duct and aerial application
(Optional Aluminum conductors)
- SPECIFICATION : UL 1072



1. Compact stranded Conductor

Size (AWG, MCM)	Conductor		Minimum Thick of Conductor Screen (mm)	Minimum Thick of Insulation (mm)	Maximum Thick of Insulation (mm)	Minimum Thick of Insulation Screen (mm)	Minimum Thick of Sheath (mm)	Approx. Overall Dia. (mm)	Approx. Net Weight (kg/km)	Minimum Insulation Resistance Constant K at 15.6°C (MΩ·km)	AC Test Voltage (kV/5min.)
	No. & Dia. of Wire (No./mm)	Approx. Diameter (mm)									
2	C.C	6.80	0.15	2.16	3.05	0.61	1.40	19.5	675	6100	18
1	C.C	7.63	0.15	2.16	3.05	0.61	1.40	20.5	780	6100	18
1/0	C.C	8.55	0.15	2.16	3.05	0.61	1.78	22	925	6100	18
2/0	C.C	9.60	0.15	2.16	3.05	0.61	1.78	23.5	1085	6100	18
3/0	C.C	10.80	0.15	2.16	3.05	0.61	1.78	24.5	1280	6100	18
4/0	C.C	12.10	0.15	2.16	3.05	0.61	1.78	25.5	1520	6100	18
250	C.C	13.20	0.15	2.16	3.05	0.61	1.78	27.0	1740	6100	18
300	C.C	14.50	0.15	2.16	3.05	0.61	1.78	28.0	2000	6100	18
350	C.C	15.70	0.15	2.16	3.05	0.61	1.78	29.5	2245	6100	18
400	C.C	16.70	0.15	2.16	3.05	0.61	1.78	30.0	2515	6100	18
500	C.C	18.70	0.15	2.16	3.05	0.81	1.78	33.0	3060	6100	18
600	C.C	20.65	0.15	2.16	3.05	0.81	1.78	34.5	3580	6100	18
750	C.C	23.00	0.15	2.16	3.05	0.81	1.78	37.5	4355	6100	18
1000	C.C	26.90	0.15	2.16	3.05	0.81	1.78	41.5	5610	6100	18

2. Compress stranded Conductor

Size (AWG, MCM)	Conductor		Minimum Thick of Conductor Screen (mm)	Minimum Thick of Insulation (mm)	Maximum Thick of Insulation (mm)	Minimum Thick of Insulation Screen (mm)	Minimum Thick of Sheath (mm)	Approx. Overall Dia. (mm)	Approx. Net Weight (kg/km)	Minimum Insulation Resistance Constant K at 15.6°C (MΩ·km)	AC Test Voltage (kV/5min.)
	No. & Dia. of Wire (No./mm)	Approx. Diameter (mm)									
4	C.P	5.72	0.15	2.16	3.05	0.61	1.40	18.5	530	6100	18
2	C.P	7.20	0.15	2.16	3.05	0.61	1.40	20.0	685	6100	18
1	C.P	8.10	0.15	2.16	3.05	0.61	1.40	21.0	795	6100	18
1/0	C.P	9.17	0.15	2.16	3.05	0.61	1.78	22.5	945	6100	18
2/0	C.P	10.30	0.15	2.16	3.05	0.61	1.78	24.0	1110	6100	18
3/0	C.P	11.58	0.15	2.16	3.05	0.61	1.78	25.0	1305	6100	18
4/0	C.P	12.90	0.15	2.16	3.05	0.61	1.78	26.5	1550	6100	18
250	C.P	14.18	0.15	2.16	3.05	0.61	1.78	28.0	1775	6100	18
300	C.P	15.50	0.15	2.16	3.05	0.61	1.78	29.0	2040	6100	18
350	C.P	16.80	0.15	2.16	3.05	0.61	1.78	30.5	2295	6100	18
400	C.P	18.00	0.15	2.16	3.05	0.61	1.78	31.5	2570	6100	18
500	C.P	20.00	0.15	2.16	3.05	0.81	1.78	34.5	3125	6100	18
600	C.P	22.00	0.15	2.16	3.05	0.81	1.78	36.0	3650	6100	18
750	C.P	24.60	0.15	2.16	3.05	0.81	1.78	39.0	4435	6100	18
1000	C.P	28.40	0.15	2.16	3.05	0.81	1.78	43.0	5715	6100	18

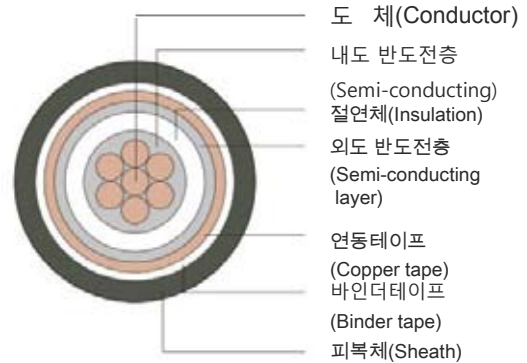
Power Cable

UL 1072

8kV DB

- VOLTAGE RATING : 8kV (133% insulation level)
- CONDUCTOR TEMPERATURE : 90 °C(194F)
- DESCRIPTION : Compact or compress stranded plain copper conductor, conductor shield, XLPE insulation, insulation shield, metallic shield, PVC sheath.
All sizes may be installed for direct buried, duct and aerial application
(Optional Aluminum conductors)

■ SPECIFICATION : UL 1072



1. Compact stranded Conductor

Conductor			Minimum Thick of Conductor Screen (mm)	Minimum Thick of Insulation (mm)	Maximum Thick of Insulation (mm)	Minimum Thick of Insulation Screen (mm)	Minimum Thick of Sheath (mm)	Approx. Overall Dia. (mm)	Approx. Net Weight (kg/km)	Minimum Insulation Resistance Constant K at 15.6°C (MΩ·km)	AC Test Voltage (kV/5min.)
Size (AWG, MCM)	No. & Dia. of Wire (No./mm)	Approx. Diameter (mm)									
2	C.C	6.80	0.15	3.43	4.32	0.61	1.78	23.0	800	6100	28
1	C.C	7.63	0.15	3.43	4.32	0.61	1.78	23.5	905	6100	28
1/0	C.C	8.55	0.15	3.43	4.32	0.61	1.78	24.5	1035	6100	28
2/0	C.C	9.60	0.15	3.43	4.32	0.61	1.78	26.0	1200	6100	28
3/0	C.C	10.80	0.15	3.43	4.32	0.61	1.78	27.0	1395	6100	28
4/0	C.C	12.10	0.15	3.43	4.32	0.61	1.78	28.0	1640	6100	28
250	C.C	13.20	0.15	3.43	4.32	0.61	1.78	29.0	1855	6100	28
300	C.C	14.50	0.15	3.43	4.32	0.61	1.78	30.5	2130	6100	28
350	C.C	15.70	0.15	3.43	4.32	0.81	1.78	32.0	2390	6100	28
400	C.C	16.70	0.15	3.43	4.32	0.81	1.78	32.5	2650	6100	28
500	C.C	18.70	0.15	3.43	4.32	0.81	1.78	35.0	3210	6100	28
600	C.C	20.65	0.15	3.43	4.32	0.81	1.78	37.0	3790	6100	28
750	C.C	23.00	0.15	3.43	4.32	0.81	1.78	39.5	4515	6100	28
1000	C.C	26.90	0.15	3.43	4.32	0.81	2.54	45.5	5935	6100	28

2. Compress stranded Conductor

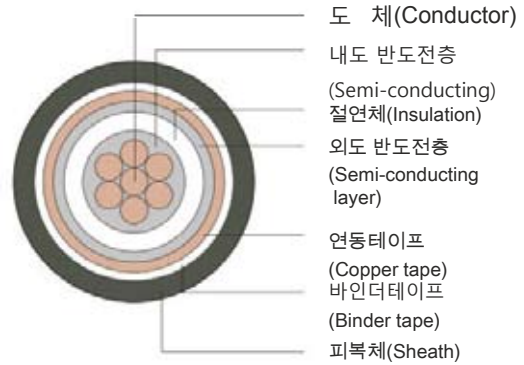
Conductor			Minimum Thick of Conductor Screen (mm)	Minimum Thick of Insulation (mm)	Maximum Thick of Insulation (mm)	Minimum Thick of Insulation Screen (mm)	Minimum Thick of Sheath (mm)	Approx. Overall Dia. (mm)	Approx. Net Weight (kg/km)	Minimum Insulation Resistance Constant K at 15.6°C (MΩ·km)	AC Test Voltage (kV/5min.)
Size (AWG, MCM)	No. & Dia. of Wire (No./mm)	Approx. Diameter (mm)									
4	C.P	5.72	0.15	3.43	4.32	0.61	1.40	21.0	625	6100	28
2	C.P	7.20	0.15	3.43	4.32	0.61	1.78	23.5	820	6100	28
1	C.P	8.10	0.15	3.43	4.32	0.61	1.78	24.0	920	6100	28
1/0	C.P	9.17	0.15	3.43	4.32	0.61	1.78	25.0	1055	6100	28
2/0	C.P	10.30	0.15	3.43	4.32	0.61	1.78	26.5	1225	6100	28
3/0	C.P	11.58	0.15	3.43	4.32	0.61	1.78	27.5	1430	6100	28
4/0	C.P	12.90	0.15	3.43	4.32	0.61	1.78	29.0	1670	6100	28
250	C.P	14.18	0.15	3.43	4.32	0.61	1.78	30.0	1895	6100	28
300	C.P	15.50	0.15	3.43	4.32	0.61	1.78	31.5	2170	6100	28
350	C.P	16.80	0.15	3.43	4.32	0.81	1.78	33.0	2440	6100	28
400	C.P	18.00	0.15	3.43	4.32	0.81	1.78	34.0	2705	6100	28
500	C.P	20.00	0.15	3.43	4.32	0.81	1.78	36.5	3270	6100	28
600	C.P	22.00	0.15	3.43	4.32	0.81	1.78	38.5	3855	6100	28
750	C.P	24.60	0.15	3.43	4.32	0.81	1.78	41.0	4580	6100	28
1000	C.P	28.40	0.15	3.43	4.32	0.81	2.54	47.0	6025	6100	28

Power Cable

UL 1072

15kV DB

- VOLTAGE RATING : 15kV (133% insulation level)
- CONDUCTOR TEMPERATURE : 90 °C(194F)
- DESCRIPTION : Compact or compress stranded plain copper conductor, conductor shield, XLPE insulation, insulation shield , metallic shield, PVC sheath.
All sizes may be installed for direct buried, duct and aerial application
(Optional Aluminum conductors)
- SPECIFICATION : UL 1072



1. Compact stranded Conductor

Conductor			Minimum Thick of Conductor Screen (mm)	Minimum Thick of Insulation (mm)	Maximum Thick of Insulation (mm)	Minimum Thick of Insulation Screen (mm)	Minimum Thick of Sheath (mm)	Approx. Overall Dia. (mm)	Approx. Net Weight (kg/km)	Minimum Insulation Resistance Constant K at 15.6°C (MΩ-km)	AC Test Voltage (kV/5min.)
Size (AWG, MCM)	No. & Dia. of Wire (No./mm)	Approx. Diameter (mm)									
2	C.C	6.80	0.15	5.33	6.35	0.61	1.78	26.5	980	6100	44
1	C.C	7.63	0.15	5.33	6.35	0.61	1.78	27.5	1100	6100	44
1/0	C.C	8.55	0.15	5.33	6.35	0.61	1.78	28.5	1240	6100	44
2/0	C.C	9.60	0.15	5.33	6.35	0.61	1.78	30.0	1405	6100	44
3/0	C.C	10.80	0.15	5.33	6.35	0.61	1.78	31.0	1605	6100	44
4/0	C.C	12.10	0.15	5.33	6.35	0.81	1.78	32.5	1870	6100	44
250	C.C	13.20	0.15	5.33	6.35	0.81	1.78	33.5	2085	6100	44
300	C.C	14.50	0.15	5.33	6.35	0.81	1.78	35.0	2370	6100	44
350	C.C	15.70	0.15	5.33	6.35	0.81	1.78	36.0	2650	6100	44
400	C.C	16.70	0.15	5.33	6.35	0.81	1.78	37.0	2940	6100	44
500	C.C	18.70	0.15	5.33	6.35	0.81	1.78	39.0	3485	6100	44
600	C.C	20.65	0.15	5.33	6.35	0.81	1.78	43.0	4165	6100	44
750	C.C	23.00	0.15	5.33	6.35	0.81	2.54	45.5	4985	6100	44
1000	C.C	26.90	0.15	5.33	6.35	1.02	2.54	50.0	6360	6100	44

2. Compress stranded Conductor

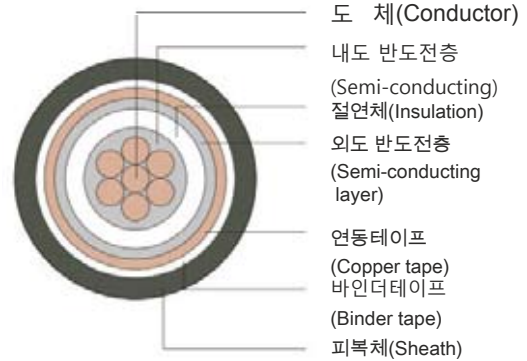
Conductor			Minimum Thick of Conductor Screen (mm)	Minimum Thick of Insulation (mm)	Maximum Thick of Insulation (mm)	Minimum Thick of Insulation Screen (mm)	Minimum Thick of Sheath (mm)	Approx. Overall Dia. (mm)	Approx. Net Weight (kg/km)	Minimum Insulation Resistance Constant K at 15.6°C (MΩ-km)	AC Test Voltage (kV/5min.)
Size (AWG, MCM)	No. & Dia. of Wire (No./mm)	Approx. Diameter (mm)									
2	C.P	7.20	0.15	5.33	6.35	0.61	1.78	27.0	1000	6100	44
1	C.P	8.10	0.15	5.33	6.35	0.61	1.78	28.0	1120	6100	44
1/0	C.P	9.17	0.15	5.33	6.35	0.61	1.78	29.0	1265	6100	44
2/0	C.P	10.30	0.15	5.33	6.35	0.61	1.78	30.5	1435	6100	44
3/0	C.P	11.58	0.15	5.33	6.35	0.61	1.78	31.5	1640	6100	44
4/0	C.P	12.90	0.15	5.33	6.35	0.81	1.78	33.5	1905	6100	44
250	C.P	14.18	0.15	5.33	6.35	0.81	1.78	34.5	2125	6100	44
300	C.P	15.50	0.15	5.33	6.35	0.81	1.78	36.0	2420	6100	44
350	C.P	16.80	0.15	5.33	6.35	0.81	1.78	37.0	2705	6100	44
400	C.P	18.00	0.15	5.33	6.35	0.81	1.78	38.5	3000	6100	44
500	C.P	20.00	0.15	5.33	6.35	0.81	1.78	40.5	3555	6100	44
600	C.P	22.00	0.15	5.33	6.35	0.81	1.78	44.5	4240	6100	44
750	C.P	24.60	0.15	5.33	6.35	0.81	2.54	47.0	5065	6100	44
1000	C.P	28.40	0.15	5.33	6.35	1.02	2.54	51.5	6460	6100	44

Power Cable

UL 1072

25kV DB

- VOLTAGE RATING : 25kV (133% insulation level)
- CONDUCTOR TEMPERATURE : 90 °C (194F)
- DESCRIPTION : Compact or compress stranded plain copper conductor, conductor shield, XLPE insulation, insulation shield, metallic shield, PVC sheath.
All sizes may be installed for direct buried, duct and aerial application
(Optional Aluminum conductors)
- SPECIFICATION : UL 1072



1. Compact stranded Conductor

Conductor			Minimum Thick of Conductor Screen	Minimum Thick of Insulation	Maximum Thick of Insulation	Minimum Thick of Insulation Screen	Minimum Thick of Sheath	Approx. Overall Dia.	Approx. Net Weight	Minimum Insulation Resistance Constant K at 15.6°C (MΩ-km)	AC Test Voltage
Size (AWG, MCM)	No. & Dia. of Wire (No./mm)	Approx. Diameter (mm)									
1	C.C	7.63	0.15	8.38	9.53	0.81	1.78	34.0	1435	6100	64
1/0	C.C	8.55	0.15	8.38	9.53	0.81	1.78	35.0	1580	6100	64
2/0	C.C	9.60	0.15	8.38	9.53	0.81	1.78	36.0	1765	6100	64
3/0	C.C	10.80	0.15	8.38	9.53	0.81	1.78	37.0	1975	6100	64
4/0	C.C	12.10	0.15	8.38	9.53	0.81	1.78	38.5	2235	6100	64
250	C.C	13.20	0.15	8.38	9.53	0.81	1.78	39.5	2470	6100	64
300	C.C	14.50	0.15	8.38	9.53	0.81	1.78	41.0	2765	6100	64
350	C.C	15.70	0.15	8.38	9.53	0.81	2.54	44.0	3175	6100	64
400	C.C	16.70	0.15	8.38	9.53	0.81	2.54	45.0	3475	6100	64
500	C.C	18.70	0.15	8.38	9.53	1.02	2.54	47.0	4080	6100	64
600	C.C	20.65	0.15	8.38	9.53	1.02	2.54	49.0	4650	6100	64
750	C.C	23.00	0.15	8.38	9.53	1.02	2.54	52.0	5505	6100	64
1000	C.C	26.90	0.15	8.38	9.53	1.02	2.54	55.5	6880	6100	64

2. Compress stranded Conductor

Conductor			Minimum Thick of Conductor Screen	Minimum Thick of Insulation	Maximum Thick of Insulation	Minimum Thick of Insulation Screen	Minimum Thick of Sheath	Approx. Overall Dia.	Approx. Net Weight	Minimum Insulation Resistance Constant K at 15.6°C (MΩ-km)	AC Test Voltage
Size (AWG, MCM)	No. & Dia. of Wire (No./mm)	Approx. Diameter (mm)									
1	C.P	8.10	0.15	8.38	9.53	0.81	1.78	34.5	1460	6100	64
1/0	C.P	9.17	0.15	8.38	9.53	0.81	1.78	35.5	1610	6100	64
2/0	C.P	10.30	0.15	8.38	9.53	0.81	1.78	36.5	1800	6100	64
3/0	C.P	11.58	0.15	8.38	9.53	0.81	1.78	37.5	2015	6100	64
4/0	C.P	12.90	0.15	8.38	9.53	0.81	1.78	39.5	2280	6100	64
250	C.P	14.18	0.15	8.38	9.53	0.81	1.78	40.5	2520	6100	64
300	C.P	15.50	0.15	8.38	9.53	0.81	1.78	42.0	2820	6100	64
350	C.P	16.80	0.15	8.38	9.53	0.81	2.54	45.0	3240	6100	64
400	C.P	18.00	0.15	8.38	9.53	0.81	2.54	46.5	3545	6100	64
500	C.P	20.00	0.15	8.38	9.53	1.02	2.54	48.5	4160	6100	64
600	C.P	22.00	0.15	8.38	9.53	1.02	2.54	50.5	4735	6100	64
750	C.P	24.60	0.15	8.38	9.53	1.02	2.54	53.5	5600	6100	64
1000	C.P	28.40	0.15	8.38	9.53	1.02	2.54	57.0	6985	6100	64

Power Cable for use in cable trays

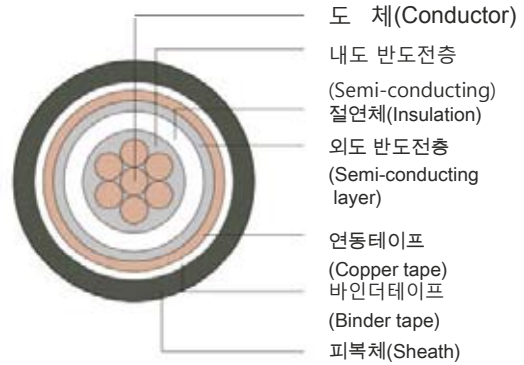
UL 1072

5kV FR-DB

- VOLTAGE RATING : 5kV (100% & 133% insulation level)
- CONDUCTOR TEMPERATURE : 90 °C(194F)
- DESCRIPTION : Compact or compress stranded plain copper conductor, conductor shield, XLPE insulation, insulation shield, metallic shield, FR-PVC sheath.
All sizes may be installed for direct buried, duct and cable trays.
(Optional Aluminum conductors)

■ VTFT(Vertical Tray Flame Test) : UL 1685(for use in cable trays)

■ SPECIFICATION : UL 1072



1. Compact stranded Conductor

Conductor			Minimum Thick of Conductor Screen (mm)	Minimum Thick of Insulation (mm)	Maximum Thick of Insulation (mm)	Minimum Thick of Insulation Screen (mm)	Minimum Thick of Sheath (mm)	Approx. Overall Dia. (mm)	Approx. Net Weight (kg/km)	Minimum Insulation Resistance Constant K at 15.6°C (MΩ·km)	AC Test Voltage (kV/5min.)
Size (AWG, MCM)	No. & Dia. of Wire (No./mm)	Approx. Diameter (mm)									
1/0	C.C	8.55	0.15	2.16	3.05	0.61	1.78	22.0	985	6100	18
2/0	C.C	9.60	0.15	2.16	3.05	0.61	1.78	24.0	1150	6100	18
3/0	C.C	10.80	0.15	2.16	3.05	0.61	1.78	25.0	1345	6100	18
4/0	C.C	12.10	0.15	2.16	3.05	0.61	1.78	26.0	1580	6100	18
250	C.C	13.20	0.15	2.16	3.05	0.61	1.78	27.5	1795	6100	18
300	C.C	14.50	0.15	2.16	3.05	0.61	1.78	28.5	2045	6100	18
350	C.C	15.70	0.15	2.16	3.05	0.61	1.78	30.0	2325	6100	18
400	C.C	16.70	0.15	2.16	3.05	0.61	1.78	30.5	2560	6100	18
500	C.C	18.70	0.15	2.16	3.05	0.81	1.78	33.0	3200	6100	18
600	C.C	20.65	0.15	2.16	3.05	0.81	1.78	35.0	3630	6100	18
750	C.C	23.00	0.15	2.16	3.05	0.81	1.78	38.0	4410	6100	18
1000	C.C	26.90	0.15	2.16	3.05	0.81	1.78	42.0	5750	6100	18

2. Compress stranded Conductor

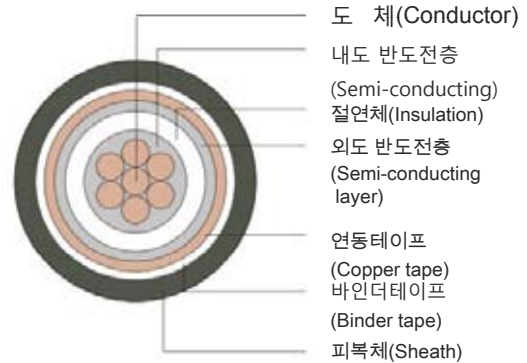
Conductor			Minimum Thick of Conductor Screen (mm)	Minimum Thick of Insulation (mm)	Maximum Thick of Insulation (mm)	Minimum Thick of Insulation Screen (mm)	Minimum Thick of Sheath (mm)	Approx. Overall Dia. (mm)	Approx. Net Weight (kg/km)	Minimum Insulation Resistance Constant K at 15.6°C (MΩ·km)	AC Test Voltage (kV/5min.)
Size (AWG, MCM)	No. & Dia. of Wire (No./mm)	Approx. Diameter (mm)									
1/0	C.P	9.17	0.15	2.16	3.05	0.61	1.78	22.5	1010	6100	18
2/0	C.P	10.30	0.15	2.16	3.05	0.61	1.78	24.5	1180	6100	18
3/0	C.P	11.58	0.15	2.16	3.05	0.61	1.78	25.5	1380	6100	18
4/0	C.P	12.90	0.15	2.16	3.05	0.61	1.78	27.0	1620	6100	18
250	C.P	14.18	0.15	2.16	3.05	0.61	1.78	28.5	1840	6100	18
300	C.P	15.50	0.15	2.16	3.05	0.61	1.78	29.5	2100	6100	18
350	C.P	16.80	0.15	2.16	3.05	0.61	1.78	31.0	2370	6100	18
400	C.P	18.00	0.15	2.16	3.05	0.61	1.78	32.0	2635	6100	18
500	C.P	20.00	0.15	2.16	3.05	0.81	1.78	34.5	3200	6100	18
600	C.P	22.00	0.15	2.16	3.05	0.81	1.78	36.5	3735	6100	18
750	C.P	24.60	0.15	2.16	3.05	0.81	1.78	39.5	4530	6100	18
1000	C.P	28.40	0.15	2.16	3.05	0.81	1.78	43.5	5820	6100	18

Power Cable for use in cable trays

UL 1072

8kV FR-DB

- VOLTAGE RATING : 8kV (133% insulation level)
- CONDUCTOR TEMPERATURE : 90 °C (194F)
- DESCRIPTION : Compact or compress stranded plain copper conductor, conductor shield, XLPE insulation, insulation shield, metallic shield, FR-PVC sheath.
All sizes may be installed for direct buried, duct and cable trays.
(Optional Aluminum conductors)
- VTFT(Vertical Tray Flame Test) : UL 1685(for use in cable trays)
- SPECIFICATION : UL 1072



1. Compact stranded Conductor

Conductor			Minimum Thick of Conductor Screen (mm)	Minimum Thick of Insulation (mm)	Maximum Thick of Insulation (mm)	Minimum Thick of Insulation Screen (mm)	Minimum Thick of Sheath (mm)	Approx. Overall Dia. (mm)	Approx. Net Weight (kg/km)	Minimum Insulation Resistance Constant K at 15.6°C (MΩ-km)	AC Test Voltage (kV/5min.)
Size (AWG, MCM)	No. & Dia. of Wire (No./mm)	Approx. Diameter (mm)									
1/0	C.C	8.55	0.15	3.43	4.32	0.61	1.78	25.0	1090	6100	28
2/0	C.C	9.60	0.15	3.43	4.32	0.61	1.78	26.5	1265	6100	28
3/0	C.C	10.80	0.15	3.43	4.32	0.61	1.78	27.5	1465	6100	28
4/0	C.C	12.10	0.15	3.43	4.32	0.61	1.78	29.5	1700	6100	28
250	C.C	13.20	0.15	3.43	4.32	0.61	1.78	30.5	1925	6100	28
300	C.C	14.50	0.15	3.43	4.32	0.61	1.78	32.0	2205	6100	28
350	C.C	15.70	0.15	3.43	4.32	0.81	1.78	33.5	2505	6100	28
400	C.C	16.70	0.15	3.43	4.32	0.81	1.78	35.0	2775	6100	28
500	C.C	18.70	0.15	3.43	4.32	0.81	1.78	37.0	3305	6100	28
600	C.C	20.65	0.15	3.43	4.32	0.81	1.78	39.0	3855	6100	28
750	C.C	23.00	0.15	3.43	4.32	0.81	1.78	41.5	4615	6100	28
1000	C.C	26.90	0.15	3.43	4.32	0.81	2.54	46.5	6025	6100	28

2. Compress stranded Conductor

Conductor			Minimum Thick of Conductor Screen (mm)	Minimum Thick of Insulation (mm)	Maximum Thick of Insulation (mm)	Minimum Thick of Insulation Screen (mm)	Minimum Thick of Sheath (mm)	Approx. Overall Dia. (mm)	Approx. Net Weight (kg/km)	Minimum Insulation Resistance Constant K at 15.6°C (MΩ-km)	AC Test Voltage (kV/5min.)
Size (AWG, MCM)	No. & Dia. of Wire (No./mm)	Approx. Diameter (mm)									
1/0	C.P	9.17	0.15	3.43	4.32	0.61	1.78	25.5	1120	6100	28
2/0	C.P	10.30	0.15	3.43	4.32	0.61	1.78	27.0	1300	6100	28
3/0	C.P	11.58	0.15	3.43	4.32	0.61	1.78	28.0	1500	6100	28
4/0	C.P	12.90	0.15	3.43	4.32	0.61	1.78	29.5	1740	6100	28
250	C.P	14.18	0.15	3.43	4.32	0.61	1.78	30.5	1965	6100	28
300	C.P	15.50	0.15	3.43	4.32	0.61	1.78	32.0	2245	6100	28
350	C.P	16.80	0.15	3.43	4.32	0.81	1.78	33.5	2550	6100	28
400	C.P	18.00	0.15	3.43	4.32	0.81	1.78	35.0	2820	6100	28
500	C.P	20.00	0.15	3.43	4.32	0.81	1.78	37.0	3360	6100	28
600	C.P	22.00	0.15	3.43	4.32	0.81	1.78	39.0	3910	6100	28
750	C.P	24.60	0.15	3.43	4.32	0.81	1.78	41.5	4685	6100	28
1000	C.P	28.40	0.15	3.43	4.32	0.81	2.54	46.5	6100	6100	28

Power Cable for use in cable trays

UL 1072

15kV FR-DB

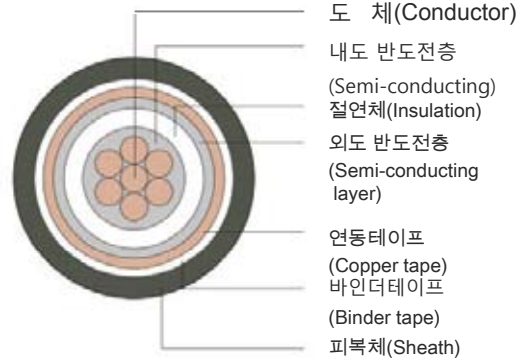
- VOLTAGE RATING : 15kV (133% insulation level)
- CONDUCTOR TEMPERATURE : 90 °C (194F)
- DESCRIPTION : Compact or compress stranded plain copper conductor, conductor shield, XLPE insulation, insulation shield, metallic shield, FR-PVC sheath.

All sizes may be installed for direct buried, duct and cable trays.

(Optional Aluminum conductors)

- VTFT(Vertical Tray Flame Test) : UL 1685(for use in cable trays)

- SPECIFICATION : UL 1072



1. Compact stranded Conductor

Conductor			Minimum Thick of Conductor Screen	Minimum Thick of Insulation	Maximum Thick of Insulation	Minimum Thick of Insulation Screen	Minimum Thick of Sheath	Approx. Overall Dia.	Approx. Net Weight	Minimum Insulation Resistance Constant K at 15.6°C (MΩ-km)	AC Test Voltage
Size (AWG, MCM)	No. & Dia. of Wire (No./mm)	Approx. Diameter (mm)									
1/0	C.C	8.55	0.15	5.33	6.35	0.61	1.78	29.0	1295	6100	44
2/0	C.C	9.60	0.15	5.33	6.35	0.61	1.78	30.5	1470	6100	44
3/0	C.C	10.80	0.15	5.33	6.35	0.61	1.78	31.5	1675	6100	44
4/0	C.C	12.10	0.15	5.33	6.35	0.81	1.78	33.0	1950	6100	44
250	C.C	13.20	0.15	5.33	6.35	0.81	1.78	34.0	2180	6100	44
300	C.C	14.50	0.15	5.33	6.35	0.81	1.78	35.5	2465	6100	44
350	C.C	15.70	0.15	5.33	6.35	0.81	1.78	37.0	2745	6100	44
400	C.C	16.70	0.15	5.33	6.35	0.81	1.78	37.5	3030	6100	44
500	C.C	18.70	0.15	5.33	6.35	0.81	1.78	39.5	2585	6100	44
600	C.C	20.65	0.15	5.33	6.35	0.81	1.78	41.5	4115	6100	44
750	C.C	23.00	0.15	5.33	6.35	0.81	2.54	45.0	4995	6100	44
1000	C.C	26.90	0.15	5.33	6.35	1.02	2.54	49.5	6365	6100	44

2. Compress stranded Conductor

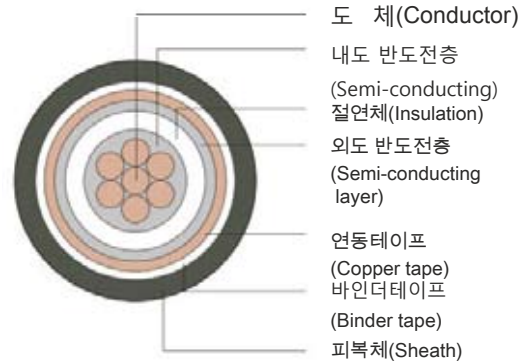
Conductor			Minimum Thick of Conductor Screen	Minimum Thick of Insulation	Maximum Thick of Insulation	Minimum Thick of Insulation Screen	Minimum Thick of Sheath	Approx. Overall Dia.	Approx. Net Weight	Minimum Insulation Resistance Constant K at 15.6°C (MΩ-km)	AC Test Voltage
Size (AWG, MCM)	No. & Dia. of Wire (No./mm)	Approx. Diameter (mm)									
1/0	C.P	9.17	0.15	5.33	6.35	0.61	1.78	29.5	1320	6100	44
2/0	C.P	10.30	0.15	5.33	6.35	0.61	1.78	31.0	1500	6100	44
3/0	C.P	11.58	0.15	5.33	6.35	0.61	1.78	32.0	1710	6100	44
4/0	C.P	12.90	0.15	5.33	6.35	0.81	1.78	34.0	1990	6100	44
250	C.P	14.18	0.15	5.33	6.35	0.81	1.78	35.0	2225	6100	44
300	C.P	15.50	0.15	5.33	6.35	0.81	1.78	36.5	2510	6100	44
350	C.P	16.80	0.15	5.33	6.35	0.81	1.78	38.0	2795	6100	44
400	C.P	18.00	0.15	5.33	6.35	0.81	1.78	39.0	3085	6100	44
500	C.P	20.00	0.15	5.33	6.35	0.81	1.78	41.0	2630	6100	44
600	C.P	22.00	0.15	5.33	6.35	0.81	1.78	43.0	4190	6100	44
750	C.P	24.60	0.15	5.33	6.35	0.81	2.54	46.5	5080	6100	44
1000	C.P	28.40	0.15	5.33	6.35	1.02	2.54	51.0	6470	6100	44

Power Cable for use in cable trays

UL 1072

25kV FR-DB

- VOLTAGE RATING : 25kV (133% insulation level)
- CONDUCTOR TEMPERATURE : 90 °C(194F)
- DESCRIPTION : Compact or compress stranded plain copper conductor, conductor shield, XLPE insulation, insulation shield, metallic shield, FR-PVC sheath.
All sizes may be installed for direct buried, duct and cable trays.
(Optional Aluminum conductors)
- VTFT(Vertical Tray Flame Test) : UL 1685(for use in cable trays)
- SPECIFICATION : UL 1072



1. Compact stranded Conductor

Conductor			Minimum Thick of Conductor Screen	Minimum Thick of Insulation	Maximum Thick of Insulation	Minimum Thick of Insulation Screen	Minimum Thick of Sheath	Approx. Overall Dia.	Approx. Net Weight	Minimum Insulation Resistance Constant K at 15.6°C (MΩ-km)	AC Test Voltage (kV/5min.)
Size (AWG, MCM)	No. & Dia. of Wire (No./mm)	Approx. Diameter (mm)									
1/0	C.C	8.55	0.15	8.38	9.53	0.81	1.78	35.5	1670	6100	64
2/0	C.C	9.60	0.15	8.38	9.53	0.81	1.78	37.0	1855	6100	64
3/0	C.C	10.80	0.15	8.38	9.53	0.81	1.78	38.0	2070	6100	64
4/0	C.C	12.10	0.15	8.38	9.53	0.81	1.78	39.5	2335	6100	64
250	C.C	13.20	0.15	8.38	9.53	0.81	1.78	40.0	2670	6100	64
300	C.C	14.50	0.15	8.38	9.53	0.81	1.78	41.5	2865	6100	64
350	C.C	15.70	0.15	8.38	9.53	0.81	2.54	44.0	3245	6100	64
400	C.C	16.70	0.15	8.38	9.53	0.81	2.54	45.5	3550	6100	64
500	C.C	18.70	0.15	8.38	9.53	1.02	2.54	47.5	4145	6100	64
600	C.C	20.65	0.15	8.38	9.53	1.02	2.54	49.5	4725	6100	64
750	C.C	23.00	0.15	8.38	9.53	1.02	2.54	52.5	5540	6100	64
1000	C.C	26.90	0.15	8.38	9.53	1.02	2.54	56.5	6870	6100	64

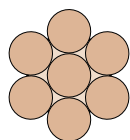
2. Compress stranded Conductor

Conductor			Minimum Thick of Conductor Screen	Minimum Thick of Insulation	Maximum Thick of Insulation	Minimum Thick of Insulation Screen	Minimum Thick of Sheath	Approx. Overall Dia.	Approx. Net Weight	Minimum Insulation Resistance Constant K at 15.6°C (MΩ-km)	AC Test Voltage (kV/5min.)
Size (AWG, MCM)	No. & Dia. of Wire (No./mm)	Approx. Diameter (mm)									
1/0	C.P	9.17	0.15	8.38	9.53	0.81	1.78	36.0	1700	6100	64
2/0	C.P	10.30	0.15	8.38	9.53	0.81	1.78	37.5	1890	6100	64
3/0	C.P	11.58	0.15	8.38	9.53	0.81	1.78	38.5	2110	6100	64
4/0	C.P	12.90	0.15	8.38	9.53	0.81	1.78	40.0	2380	6100	64
250	C.P	14.18	0.15	8.38	9.53	0.81	1.78	41.0	2620	6100	64
300	C.P	15.50	0.15	8.38	9.53	0.81	1.78	42.5	2920	6100	64
350	C.P	16.80	0.15	8.38	9.53	0.81	2.54	45.0	3310	6100	64
400	C.P	18.00	0.15	8.38	9.53	0.81	2.54	46.5	3620	6100	64
500	C.P	20.00	0.15	8.38	9.53	1.02	2.54	49.0	4230	6100	64
600	C.P	22.00	0.15	8.38	9.53	1.02	2.54	51.0	4820	6100	64
750	C.P	24.60	0.15	8.38	9.53	1.02	2.54	54.0	5650	6100	64
1000	C.P	28.40	0.15	8.38	9.53	1.02	2.54	58.0	7010	6100	64

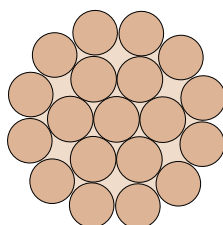
Annealed Copper Stranded Wire

ASTM B 8

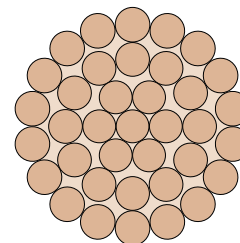
SDBC



7 st.



19 st.



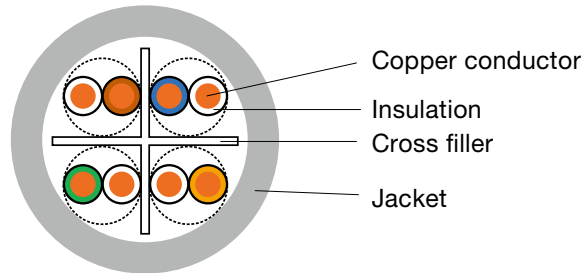
37 st.

AWG or MCM	Conductor			Max. Conductor Resistance at. 20℃ Ω/km	Approx. Weight kg.km
	No. and Dia. Of Wire No./mm	Calculated Sectional Area mm ²	Diameter mm		
14	7/0.615	2.08	1.85	8.62	20
12	7/0.775	3.31	2.33	5.43	30
10	7/0.978	5.261	2.94	3.409	50
8	7/1.23	8.367	3.70	2.144	75
6	7/1.56	13.3	4.67	1.35	125
4	7/1.96	21.15	5.88	0.8481	200
2	7/2.47	33.62	7.41	0.5335	310
1	19/1.69	42.41	8.45	0.423	390
1/0	19/1.89	53.49	9.45	0.3354	490
2/0	19/2.13	67.43	10.65	0.266	620
3/0	19/2.39	85.01	11.95	0.211	775
4/0	19/2.68	107.2	13.40	0.1673	975
250	37/2.09	127	14.63	0.1416	1,200
300	37/2.29	152	16.03	0.118	1,400
350	37/2.47	177	17.29	0.1011	1,620
400	37/2.64	203	18.48	0.08851	1,850
450	37/2.80	228	19.60	0.07867	2,080
500	37/2.95	253	20.65	0.0708	2,300
600	61/2.52	304	22.68	0.059	2,770
700	61/2.72	355	24.48	0.05057	3,240
800	61/2.91	405	26.19	0.04425	3,700
1000	61/3.25	507	29.25	0.0354	4,610

UTP(Unshielded Twisted Pair) CAT.6 CABLE

- **Description** PE insulated copper conductors are twisted to form a pair. 4 pairs and cross filler are laid up together. The core is protected with overall UV-resistant, flame-retardant PVC jacket.
- **Applications**
 - ▶ Horizontal Distribution cabling
 - ▶ 4/16Mbps Token Ring (IEEE 802.5)
 - ▶ 10/100/1000 BASE-T (IEEE 802.3)
 - ▶ 155Mbps ATM / 100Mbps TP-PMD
 - ▶ ISDN, ADSL
- **Features**
 - ▶ 24AWG x 4P
 - ▶ Tested to meet or exceed EIA/TIA 568-C.2, UL 444, NEMA 66.1
 - ▶ UL Listed CM, CMR

■ Construction



■ Cable Characteristics

Frequency (MHz)	Characteristic impedance (Ω)	Return loss Min. (dB/100m)	Attenuation Max. (dB/100m)	NEXT Min. (dB/100m)	PSNEXT Min. (dB/100m)	ELFEXT Min. (dB/100m)	PSELFEXT Min. (dB/100m)
0.772	100±6	19.4	1.8	76	74	70	68
1	100±6	20	2	74.3	72.3	67.8	65.8
4	100±6	23	3.8	65.3	63.3	55.8	53.8
8	100±6	24.5	5.3	60.8	58.8	49.7	47.7
10	100±6	25	6	59.3	57.3	47.8	45.8
16	100±6	25	7.6	56.2	54.2	43.7	41.7
20	100±6	25	8.5	54.8	52.8	41.8	39.8
25	100±6	24.3	9.5	53.3	51.3	39.8	37.8
31.25	100±6	23.6	10.7	51.9	49.9	37.9	35.9
62.5	100±6	21.5	15.4	47.4	45.4	31.9	29.9
100	100±6	20.1	19.8	44.3	42.3	27.8	25.8
155.52	100±6	18.8	25.2	41.4	39.4	24	22
200	100±6	18	29	39.8	37.8	21.8	19.8
250	100±6	17.3	32.8	38.3	36.3	19.8	17.8
Operating Temperature						-20°C ~ +70°C	
Storage Temperature						-20°C ~ +70°C	
Installation Temperature						0°C ~ +40°C	

ISP FIBER OPTIC CABLE

■ **Description** Indoor tight buffer distribution cable consist of individually color coded 900 μ m fibers. The tight buffers are surrounded by all-dielectric aramid strength members. The core is protected with flame-retardant LSZH jacket for sub unit overall in multi unit cable and/or UV-resistant, flame-retardant PVC jacket for cable overall.

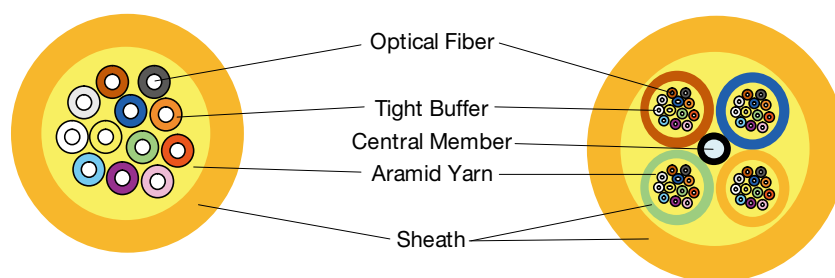
■ **Applications**

- ▶ Intra-building backbone cabling and trunk
- ▶ Local Area Network (LAN)
- ▶ Ideal configuration for distribution applications

■ **Features**

- ▶ 2 to 48 fibers with single mode, multimode and hybrid
- ▶ The tight buffers are color coded for easy identification
- ▶ High performance components and construction
- ▶ Small size, light weight and versatile installation
- ▶ Tested to meet or exceed EIA/TIA 568, EIA/TIA 598, ICEA-S-83-596
- ▶ UL Listed OFN, OFNR

■ **Construction**



■ **Cable Characteristics**

Fiber Count		Outer Diameter (mm)	Cable weight (kg/km)	Pulling Tension (N)	Minimum bending radius (mm)	
					During Installation	Installed
2	Single Unit	4.3	20	660	86	43
4		4.7	23	660	94	47
6		5.5	28	660	110	55
8		6.1	35	800	122	61
12		6.5	41	800	130	65
24	Multi Unit	13.5	120	1,350	180	90
36		16.0	190	2,000	320	160
48		18.5	260	2,000	370	185
Operating Temperature				-20°C ~ +70°C		
Storage Temperature				-20°C ~ +70°C		
Installation Temperature				0°C ~ +40°C		

A tall, lattice-structured tower, likely for power transmission, stands against a clear blue sky. The tower is painted in alternating orange and white sections. Several power lines are visible, stretching across the frame. In the background, there are dark, silhouetted hills or mountains.

CERTIFICATES

CERTIFICATE OF APPROVAL

DAEWON CABLE Co., Ltd.

92, HOEUMDEONGNYEONG-GIL, GODEOK-MYEON, YESAN-GUN, CHUNGCHEONGNAM-DO, KOREA

Korean Standards Association hereby certifies that the Quality Management System of the above organization has been assessed and found to meet the requirements of the standard and scope of certification detailed below:

CERTIFICATION No.

QMS-2719

STANDARD

KS Q ISO 9001:2009/ISO 9001:2008

SCOPE OF CERTIFICATION

DESIGN, DEVELOPMENT AND MANUFACTURE OF CABLE FOR POWER, CONTROL & TELECOMMUNICATION

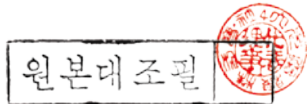
VALID FROM

19 September, 2013

VALID UNTIL

18 September, 2016

Original Certification Date : 01 April, 2003



Chang Ryong Kwon
CHAIRMAN OF KSA

Date of Issue : 29 July, 2013

KOREAN STANDARDS ASSOCIATION

305, Teheran-Ro, Gangnam-Gu, Seoul, Korea

Accredited by Member of the IAF MLA for QMS. The Accreditation Mark (KAB) indicates accreditation in respect of those activities covered by the Accreditation Certification Number KAB-QC-30.

KSA



[UL 인증 현황]

● 인증내용 ●

No.	인 증 품 목	Cable Type	File No.	비 고
1	THERMOPLASTIC- INSULATED (ZLGR)	TW, THW (75℃), THW-2	E88999	UL 83
		THWN (75℃), THWN-2		
		THHN (90℃), THHW		
2	COMMUNICATION CABLE (DVBI)	UTP CABLE CM or CMR 3(100pr), 5(25pr), 5E~6(4Pr)	E352903	UL 444
3	SERVICE ENTRANCE CABLE (TYLE)	USE-2	E240172	UL 854 UL 44
4	MEDIUM-VOLTAGE CABLE (PITY)	= MV-90 Cable, rated 5 to 35kV = MV-105 Cable, rated 5 to 35kV	E301928	UL 1072
5	THERMOSET - INSULATED WIRE (ZKST)	RHW-2	E306698	UL 44 UL 854
6	APPLIANCE WIRING MATERIAL (AVLV2,AVLV8)	AWM (1007, 1015, 1061, 1569, 1589, 2095, 2464, 2919, 20276, 3321, 3398, 1185, 1283, 1284, 1533, 1571, 2405, 2463, 2468, 2547, 2569, 2725, 2789, 2835, 2969, 2970, 2990)	E331577	UL 758
7	OPTICAL FIBER CABLE (QAYK)	OFNR, OFN	E336580	UL 1651
8	POWER LIMITED CIRCUIT CABLE (QPTZ)	CL3, PLTC	E332809	UL 13
9	600V TC CABLE	TC Cable	E365103	UL 1277
10	Thermoplastic-Insulated Wires and Cables	HMWPE	E464809	UL 83
11	Fire-Limited Fire Alarm Cable (FPLR, FPL)	TP, TSP	E464946	UL 1424

CERTIFICATE OF COMPLIANCE

Certificate Number 20131017-E88999
Report Reference E88999-20110527
Issue Date 2013-OCTOBER-17

Issued to: DAE WON CABLE CO LTD
 134-7 OCHU-RI
 GODEOK-MYON
 YESAN-GUN CHUNGNAM-DO 340-934 KOREA

This is to certify that representative samples of THERMOPLASTIC-INSULATED WIRE
 Type THHW

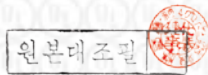
Have been investigated by UL in accordance with the Standard(s) indicated on this Certificate.

Standard(s) for Safety: UL 83, Thermoplastic-Insulated Wires and Cables
Additional Information: See the UL Online Certifications Directory at www.ul.com/database for additional information

Only those products bearing the UL Listing Mark should be considered as being covered by UL's Listing and Follow-Up Service.

The UL Listing Mark generally includes the following elements: the symbol UL in a circle, with the word "LISTED"; a control number (may be alphanumeric) assigned by UL; and the product category name (product identifier) as indicated in the appropriate UL Directory.

Look for the UL Listing Mark on the product.



William R. Carey
 William R. Carey, Director, North American Certification Programs

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CERTIFICATE OF COMPLIANCE

Certificate Number 20130418-E352903
Report Reference E352903-20120601
Issue Date 2013-April-18

Issued to: DAE WON CABLE CO LTD,
 134-7 OCHU-RI, GODEOK-MYON,
 YESAN-GUN CHUNGNAM-DO 340-934 KOREA.

This is to certify that representative samples of LOCAL AREA NETWORK CABLE VERIFIED FOR TRANSMISSION PERFORMANCE IN ACCORDANCE WITH NATIONAL OR INTERNATIONAL SPECIFICATIONS.

Communications Cable, Type CMR Cable also Verified to Category 6 and NEMA WC 66 Category 6.

Have been investigated by UL in accordance with the Standard(s) indicated on this Certificate.

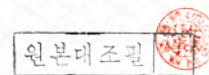
Standard(s) for Safety: UL444- Data Transmission Cable Verified in Accordance with National and International Specifications.

Additional Information: See the UL Online Certifications Directory at www.ul.com/database for additional information

Only those products bearing the UL Listing Mark should be considered as being covered by UL's Listing and Follow-Up Service.

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CERTIFICATE OF COMPLIANCE

Certificate Number 20131017-E240172
Report Reference E240172-20040518
Issue Date 2013-OCTOBER-17

Issued to: DAE WON CABLE CO LTD
 134-7 OCHU-RI
 GODEOK-MYON
 YESAN-GUN CHUNGNAM-DO 340-934 KOREA

This is to certify that representative samples of SERVICE-ENTRANCE CABLE
 Type USE-2

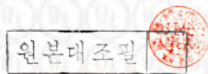
Have been investigated by UL in accordance with the Standard(s) indicated on this Certificate.

Standard(s) for Safety: UL 854, Standard for Service-Entrance Cable
Additional Information: See the UL Online Certifications Directory at www.ul.com/database for additional information

Only those products bearing the UL Listing Mark should be considered as being covered by UL's Listing and Follow-Up Service.

The UL Listing Mark generally includes the following elements: the symbol UL in a circle, with the word "LISTED"; a control number (may be alphanumeric) assigned by UL; and the product category name (product identifier) as indicated in the appropriate UL Directory.

Look for the UL Listing Mark on the product.



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CERTIFICATE OF COMPLIANCE

Certificate Number 20131017-E301928
Report Reference E301928-20060614
Issue Date 2013-OCTOBER-17

Issued to: DAE WON CABLE CO LTD
 134-7 OCHU-RI
 GODEOK-MYON
 YESAN-GUN CHUNGNAM-DO 340-934 KOREA

This is to certify that representative samples of MEDIUM-VOLTAGE CABLE
 Type MV-90 Cable, rated 5 to 35 kV

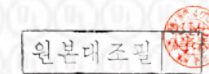
Have been investigated by UL in accordance with the Standard(s) indicated on this Certificate.

Standard(s) for Safety: Standard for Medium Voltage Power Cables (UL 1072)
Additional Information: See the UL Online Certifications Directory at www.ul.com/database for additional information

Only those products bearing the UL Listing Mark should be considered as being covered by UL's Listing and Follow-Up Service.

The UL Listing Mark generally includes the following elements: the symbol UL in a circle, with the word "LISTED"; a control number (may be alphanumeric) assigned by UL; and the product category name (product identifier) as indicated in the appropriate UL Directory.

Look for the UL Listing Mark on the product.



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 William R. Carey, Director, North American Certification Programs

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CERTIFICATE OF COMPLIANCE

Certificate Number 20131017-E306698
Report Reference E306698-20060712
Issue Date 2013-OCTOBER-17


Issued to: DAE WON CABLE CO LTD
 134-7 OCHU-RI
 GODEOK-MYON
 YESAN-GUN CHUNGNAM-DO 340-934 KOREA

This is to certify that representative samples of THERMOSET-INSULATED WIRE
 Type RHW-2, rated 600 V.

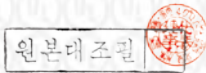
Have been investigated by UL in accordance with the Standard(s) indicated on this Certificate.

Standard(s) for Safety: Thermoset-Insulated Wires and Cables - UL 44
Additional Information: See the UL Online Certifications Directory at www.ul.com/database for additional information

Only those products bearing the UL Listing Mark should be considered as being covered by UL's Listing and Follow-Up Service.

The UL Listing Mark generally includes the following elements: the symbol UL in a circle,  with the word "LISTED"; a control number (may be alphanumeric) assigned by UL; and the product category name (product identifier) as indicated in the appropriate UL Directory.

Look for the UL Listing Mark on the product.



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CERTIFICATE OF COMPLIANCE

Certificate Number 20131017-E331577
Report Reference E331577-20090911
Issue Date 2013-OCTOBER-17


Issued to: DAE WON CABLE CO LTD
 134-7 OCHU-RI
 GODEOK-MYON
 YESAN-GUN CHUNGNAM-DO 340-934 KOREA

This is to certify that representative samples of COMPONENT - APPLIANCE WIRING MATERIAL
 SINGLE-CONDUCTOR THERMOPLASTIC-INSULATED WIRE, 1007, 1015, 1061, 1569, 1589

Have been investigated by UL in accordance with the Standard(s) indicated on this Certificate.

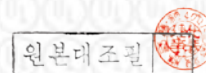
Standard(s) for Safety: UL 758, Appliance Wiring Material
Additional Information: See the UL Online Certifications Directory at www.ul.com/database for additional information

Only those products bearing the UL Recognized Component Mark should be considered as being covered by UL's Recognition and Follow-Up Service.

The UL Recognized Component Mark generally consists of the manufacturer's identification and catalog number, model number or other product designation as specified under "Marking" for the particular Recognition as published in the appropriate UL Directory. As a supplementary means of identifying products that have been produced under UL's Component Recognition Program, UL's Recognized Component Mark  may be used in conjunction with the required Recognized Marks. The Recognized Component Mark is required when specified in the UL Directory preceding the recognitions or under "Markings" for the individual recognitions.

Recognized components are incomplete in certain constructional features or restricted in performance capabilities and are intended for use as components of complete equipment submitted for investigation rather than for direct separate installation in the field. The final acceptance of the component is dependent upon its installation and use in complete equipment submitted to UL LLC.

Look for the UL Recognized Component Mark on the product.



William R. Carey
 William R. Carey, Director, North American Certification Programs
 UL LLC

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CERTIFICATE OF COMPLIANCE

Certificate Number 20130402-E331577
Report Reference E331577-20090911
Issue Date 2013-APRIL-02


Issued to: DAE WON CABLE CO LTD
 134-7 OCHU-RI
 GODEOK-MYON
 YESAN-GUN CHUNGNAM-DO 340-934 KOREA

This is to certify that representative samples of COMPONENT - APPLIANCE WIRING MATERIAL
 MULTI-CONDUCTOR THERMOPLASTIC-INSULATED WIRE - 2095, 2464, 2919, 20276

Have been investigated by UL in accordance with the Standard(s) indicated on this Certificate.

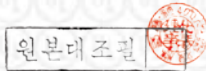
Standard(s) for Safety: UL 758 - Appliance Wiring Material
Additional Information: See the UL Online Certifications Directory at www.ul.com/database for additional information

Only those products bearing the UL Recognized Component Mark should be considered as being covered by UL's Recognition and Follow-Up Service.

The UL Recognized Component Mark generally consists of the manufacturer's identification and catalog number, model number or other product designation as specified under "Marking" for the particular Recognition as published in the appropriate UL Directory. As a supplementary means of identifying products that have been produced under UL's Component Recognition Program, UL's Recognized Component Mark  may be used in conjunction with the required Recognized Marks. The Recognized Component Mark is required when specified in the UL Directory preceding the recognitions or under "Markings" for the individual recognitions.

Recognized components are incomplete in certain constructional features or restricted in performance capabilities and are intended for use as components of complete equipment submitted for investigation rather than for direct separate installation in the field. The final acceptance of the component is dependent upon its installation and use in complete equipment submitted to UL LLC.

Look for the UL Recognized Component Mark on the product.



William R. Carey
 William R. Carey, Director, North American Certification Programs
 UL LLC

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CERTIFICATE OF COMPLIANCE

Certificate Number 20130513-E331577
Report Reference E331577-20130510
Issue Date 2013-MAY-13


Issued to: DAE WON CABLE CO LTD
 134-7 OCHU-RI
 GODEOK-MYON
 YESAN-GUN CHUNGNAM-DO 340-934 KOREA

This is to certify that representative samples of COMPONENT - APPLIANCE WIRING MATERIAL
 SINGLE-CONDUCTOR THERMOSETTING-INSULATED WIRE- 3321, 3398

Have been investigated by UL in accordance with the Standard(s) indicated on this Certificate.

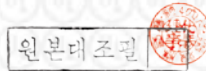
Standard(s) for Safety: UL 758-for Appliance Wiring Material
Additional Information: See the UL Online Certifications Directory at www.ul.com/database for additional information

Only those products bearing the UL Recognized Component Mark should be considered as being covered by UL's Recognition and Follow-Up Service.

The UL Recognized Component Mark generally consists of the manufacturer's identification and catalog number, model number or other product designation as specified under "Marking" for the particular Recognition as published in the appropriate UL Directory. As a supplementary means of identifying products that have been produced under UL's Component Recognition Program, UL's Recognized Component Mark  may be used in conjunction with the required Recognized Marks. The Recognized Component Mark is required when specified in the UL Directory preceding the recognitions or under "Markings" for the individual recognitions.

Recognized components are incomplete in certain constructional features or restricted in performance capabilities and are intended for use as components of complete equipment submitted for investigation rather than for direct separate installation in the field. The final acceptance of the component is dependent upon its installation and use in complete equipment submitted to UL LLC.

Look for the UL Recognized Component Mark on the product.



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 William R. Carey, Director, North American Certification Programs
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CERTIFICATE OF COMPLIANCE

Certificate Number 20130418-E336580
Report Reference E336580-20100503
Issue Date 2013-APRIL-18

Issued to: DAE WON CABLE CO LTD
 134-7 OCHU-RI
 GODEOK-MYON
 YESAN-GUN CHUNGNAM-DO 340-934 KOREA

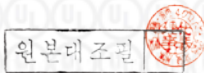
This is to certify that representative samples of OPTICAL FIBER CABLE
 Type OFN and OFNR

Have been investigated by UL in accordance with the Standard(s) indicated on this Certificate.

Standard(s) for Safety: UL 1651, Optical Fiber Cable
Additional Information: See the UL Online Certifications Directory at www.ul.com/database for additional information

Only those products bearing the UL Listing Mark should be considered as being covered by UL's Listing and Follow-Up Service.
 The UL Listing Mark generally includes the following elements: the symbol UL in a circle, with the word "LISTED", a control number (may be alphanumeric) assigned by UL, and the product category name (product identifier) as indicated in the appropriate UL Directory.

Look for the UL Listing Mark on the product.



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CERTIFICATE OF COMPLIANCE

Certificate Number 20131018-E332809
Report Reference E332809-20100507
Issue Date 2013-OCTOBER-18

Issued to: DAE WON CABLE CO LTD
 134-7 OCHU-RI
 GODEOK-MYON
 YESAN-GUN CHUNGNAM-DO 340-934 KOREA

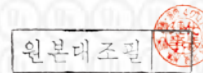
This is to certify that representative samples of POWER-LIMITED CIRCUIT CABLE
 Types CL3, PLTC (60°C - 105°C)

Have been investigated by UL in accordance with the Standard(s) indicated on this Certificate.

Standard(s) for Safety: Standard for Power Limited Circuit Cable, UL 13
Additional Information: See the UL Online Certifications Directory at www.ul.com/database for additional information

Only those products bearing the UL Listing Mark should be considered as being covered by UL's Listing and Follow-Up Service.
 The UL Listing Mark generally includes the following elements: the symbol UL in a circle, with the word "LISTED", a control number (may be alphanumeric) assigned by UL, and the product category name (product identifier) as indicated in the appropriate UL Directory.

Look for the UL Listing Mark on the product.



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CERTIFICATE OF COMPLIANCE

Certificate Number 20131031-E365103
Report Reference E365103-20131031
Issue Date 2013-OCTOBER-31

Issued to: DAE WON CABLE CO LTD
 134-7 OCHU-RI
 GODEOK-MYON
 YESAN-GUN CHUNGNAM-DO 340-934 KOREA

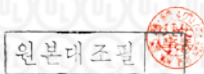
This is to certify that representative samples of POWER AND CONTROL TRAY CABLE
 USL - Type TC Power and Control Tray Cable

Have been investigated by UL in accordance with the Standard(s) indicated on this Certificate.

Standard(s) for Safety: Standard for Electrical Power and Control Tray Cables with Optional Optical-Fiber Members, UL 1277
Additional Information: See the UL Online Certifications Directory at www.ul.com/database for additional information

Only those products bearing the UL Listing Mark should be considered as being covered by UL's Listing and Follow-Up Service.
 The UL Listing Mark generally includes the following elements: the symbol UL in a circle, with the word "LISTED", a control number (may be alphanumeric) assigned by UL, and the product category name (product identifier) as indicated in the appropriate UL Directory.

Look for the UL Listing Mark on the product.



William R. Carney
 William R. Carney, Director, North American Certification Programs
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CERTIFICATE OF COMPLIANCE

Certificate Number 20140206-E464809
Report Reference E464809-20140205
Issue Date 2014-FEBRUARY-06

Issued to: DAE WON CABLE CO LTD
 134-7 Ochuri
 Godeok-Myon
 Yesan-Gun Chungnam-Do 340-934 KOREA

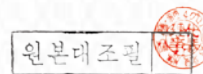
This is to certify that representative samples of WIRE, SPECIAL PURPOSE
 Cathodic Protection Cable

Have been investigated by UL in accordance with the Standard(s) indicated on this Certificate.

Standard(s) for Safety: UL 83, Thermoplastic-Insulated Wires and Cables
Additional Information: See the UL Online Certifications Directory at www.ul.com/database for additional information

Only those products bearing the UL Listing Mark should be considered as being covered by UL's Listing and Follow-Up Service.
 The UL Listing Mark generally includes the following elements: the symbol UL in a circle, with the word "LISTED", a control number (may be alphanumeric) assigned by UL, and the product category name (product identifier) as indicated in the appropriate UL Directory.

Look for the UL Listing Mark on the product.



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CERTIFICATE OF COMPLIANCE

Certificate Number 20140214-E464946
Report Reference E464946-20140214
Issue Date 2014-FEBRUARY-14


Issued to: DAE WON CABLE CO LTD
134-7 Ochu-Ri
Godeok-Myon
Yesan-Gun Chungnam-Do 340-934 KOREA

This is to certify that
representative samples of POWER-LIMITED FIRE ALARM CABLE
Types: FPLR, FPL (60°C to 105°C).

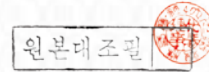
Have been investigated by UL in accordance with the
Standard(s) indicated on this Certificate.

Standard(s) for Safety: UL 1424, Power Limited Fire-Alarm Circuits
Additional Information: See the UL Online Certifications Directory at
www.ul.com/database for additional information

Only those products bearing the UL Listing Mark should be considered as being covered by UL's
Listing and Follow-Up Service.

The UL Listing Mark generally includes the following elements: the symbol UL in a circle,  with the
word "LISTED"; a control number (may be alphanumeric) assigned by UL; and the product category
name (product identifier) as indicated in the appropriate UL Directory.

Look for the UL Listing Mark on the product.





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MEMO