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21C Cable New Leader

DAEWON



WIRE & CABLE(**FED**)



대원전선주식회사
DAEWON CABLE CO.,LTD.

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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.

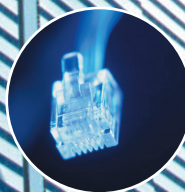
Daewon cable has served domestic clients and abroad as a forerunner in the manufacture of electric wires and cables.

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 buisness activities and the scope by this catalogue. This catalogue, in particular, deals with Daewon cable's FED power cables and communicaton 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.

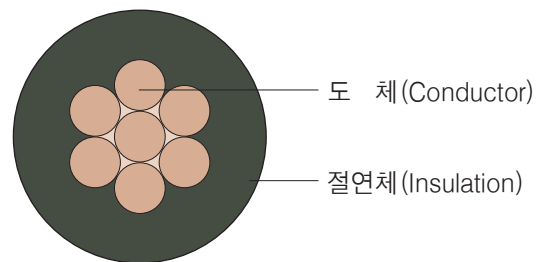


Building Wire(Type THW)

UL 83

600V THW

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



1. Solid Conductor

Conductor			Minimum Average Thick of Insulation (mm)	Approx. Overall Dia. (mm)	Approx Net Weight (kg/km)	Insulation Resistance at 15℃ (MΩ-km)	AC Test Voltage (kV/1min.)	Spark Test (kV)
Size (AWG)	No. & Dia. of Wire (NO./mm)	Diameter (mm)						
14	1/1.63	1.63	0.76	3.2	27	175	2.0	7.5
12	1/2.06	2.06	0.76	3.6	39	150	2.0	7.5
10	1/2.59	2.59	0.76	4.1	58	125	2.0	7.5
8	1/3.26	3.26	1.14	5.6	97	130	2.0	10

2. Stranded Conductor

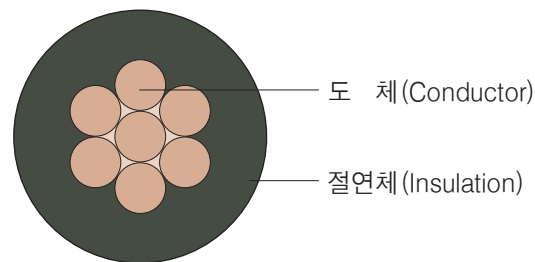
Conductor			Minimum Average Thick of Insulation (mm)	Approx. Overall Dia. (mm)	Approx Net Weight (kg/km)	Insulation Resistance at 15.6℃ (MΩ-km)	AC Test Voltage (kV/1min.)	Spark Test (kV)
Size (AWG,MCM)	No. & Dia. of Wire (NO./mm)	Diameter (mm)						
14	7/0.615	1.85	0.76	3.4	29	175	2.0	7.5
12	7/0.775	2.34	0.76	3.9	42	150	2.0	7.5
10	7/0.978	2.95	0.76	4.5	62	125	2.0	7.5
8	7/1.23	3.70	1.14	6.0	103	130	2.0	10.0
6	7/1.56	4.67	1.52	7.7	168	135	2.0	10.0
4	7/1.96	5.88	1.52	8.9	249	115	2.0	10.0
2	7/2.47	7.42	1.52	10.5	377	95	2.0	10.0
1	19/1.69	8.43	2.03	12.5	487	105	2.5	12.5
1/0	19/1.89	9.46	2.03	13.5	598	95	2.5	12.5
2/0	19/2.13	10.6	2.03	14.7	736	85	2.5	12.5
3/0	19/2.39	11.9	2.03	16.0	911	80	2.5	12.5
4/0	19/2.68	13.4	2.03	17.5	1,129	70	2.5	12.5
250	37/2.09	14.6	2.41	19.4	1,347	80	3.0	15.0
300	37/2.29	16.0	2.41	20.8	1,595	70	3.0	15.0
350	37/2.47	17.3	2.41	22.1	1,841	65	3.0	15.0
400	37/2.64	18.5	2.41	23.3	2,087	65	3.0	15.0
500	37/2.95	20.7	2.41	25.5	2,576	55	3.0	15.0
600	61/2.52	22.7	2.79	28.3	3,101	60	3.5	17.5
700	61/2.72	24.5	2.79	30.1	3,588	55	3.5	17.5
750	61/2.82	25.3	2.79	30.9	3,830	55	3.5	17.5
800	61/2.91	26.2	2.79	31.8	4,074	55	3.5	17.5
900	61/3.09	27.8	2.79	33.4	4,558	50	3.5	17.5
1000	61/3.25	29.3	2.79	34.9	5,031	50	3.5	17.5

Indoor Cable(Type THW-2)

UL 83

600V THW-2

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



1. Solid Conductor

Conductor			Minimum Average Thick of Insulation (mm)	Approx. Overall Dia. (mm)	Approx Net Weight (kg/km)	Insulation Resistance at 15℃ (MΩ-km)	AC Test Voltage (KV/1min.)	Spark Test (KV)
Size (AWG)	No. & Dia. of Wire (NO./mm)	Diameter (mm)						
14	1/1.63	1.63	0.76	3.2	27	175	2.0	7.5
12	1/2.06	2.06	0.76	3.6	39	150	2.0	7.5
10	1/2.59	2.59	0.76	4.1	58	125	2.0	7.5

2. Stranded Conductor

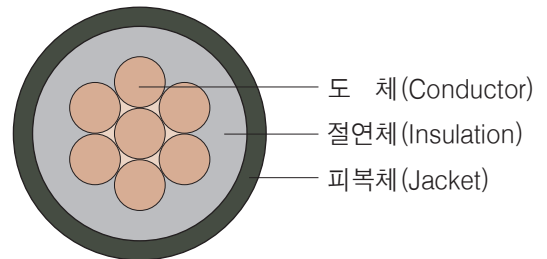
Conductor			Minimum Average Thick of Insulation (mm)	Approx. Overall Dia. (mm)	Approx Net Weight (kg/km)	Insulation Resistance at 15℃ (MΩ-km)	AC Test Voltage (kV/1min.)	Spark Test (KV)
Size (AWG,MCM)	No. & Dia. of Wire (NO./mm)	Diameter (mm)						
14	7/0.615	1.85	0.76	3.4	29	175	2.0	7.5
12	7/0.775	2.34	0.76	3.9	42	150	2.0	7.5
10	7/0.978	2.95	0.76	4.5	62	125	2.0	7.5
8	7/1.23	3.70	1.14	6.0	103	130	2.0	10.0
6	7/1.56	4.67	1.52	7.7	168	135	2.0	10.0
4	7/1.96	5.88	1.52	8.9	249	115	2.0	10.0
2	7/2.47	7.42	1.52	10.5	377	95	2.0	10.0
1	19/1.69	8.43	2.03	12.5	487	105	2.5	12.5
1/0	19/1.89	9.46	2.03	13.5	598	95	2.5	12.5
2/0	19/2.13	10.6	2.03	14.7	736	85	2.5	12.5
3/0	19/2.39	11.9	2.03	16.0	911	80	2.5	12.5
4/0	19/2.68	13.4	2.03	17.5	1,129	70	2.5	12.5
250	37/2.09	14.6	2.41	19.4	1,347	80	3.0	15.0
300	37/2.29	16.0	2.41	20.8	1,595	70	3.0	15.0
350	37/2.47	17.3	2.41	22.1	1,841	65	3.0	15.0
400	37/2.64	18.5	2.41	23.3	2,087	65	3.0	15.0
500	37/2.95	20.7	2.41	25.5	2,576	55	3.0	15.0
600	61/2.52	22.7	2.79	28.3	3,101	60	3.5	17.5
700	61/2.72	24.5	2.79	30.1	3,588	55	3.5	17.5
750	61/2.82	25.3	2.79	30.9	3,830	55	3.5	17.5
800	61/2.91	26.2	2.79	31.8	4,074	55	3.5	17.5
900	61/3.09	27.8	2.79	33.4	4,558	50	3.5	17.5
1000	61/3.25	29.3	2.79	34.9	5,031	50	3.5	17.5

Building Wire(Type THHN/THWN)

UL 83

600V THHN/THWN

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



1. Solid Conductor

Conductor			Minimum Average Thick of Insulation (mm)	Minimum Thick of Nylon Jacket (mm)	Approx. Overall Dia. (mm)	Approx Net Weight (kg/km)	Insulation Resistance at 15℃ (MΩ-km)	AC Test Voltage (KV/1min.)	Spark Test (KV)
Size (AWG)	No. & Dia. of Wire (NO./mm)	Diameter (mm)							
14	1/1.63	1.63	0.38	0.1	2.7	25	205	2.0	7.5
12	1/2.06	2.06	0.38	0.1	3.1	40	175	2.0	7.5
10	1/2.59	2.59	0.51	0.1	4.0	60	180	2.0	7.5

2. Stranded Conductor

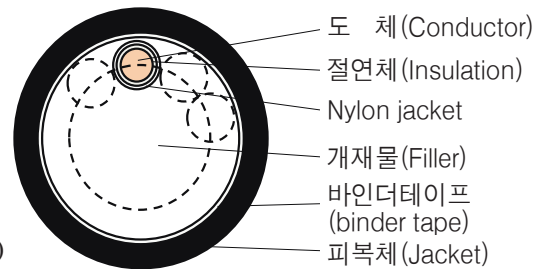
Conductor			Minimum Average Thick of Insulation (mm)	Minimum Thick of Nylon Jacket (mm)	Approx. Overall Dia. (mm)	Approx Net Weight (kg/km)	Insulation Resistance at 15℃ (MΩ-km)	AC Test Voltage (KV/1min.)	Spark Test (KV)
Size (AWG,MCM)	No. & Dia. of Wire (NO./mm)	Diameter (mm)							
14	7/0.615	1.85	0.38	0.10	3.0	25	205	2.0	7.5
12	7/0.775	2.34	0.38	0.10	3.4	40	175	2.0	7.5
10	7/0.978	2.95	0.51	0.10	4.3	60	180	2.0	7.5
8	7/1.23	3.69	0.76	0.13	5.6	95	185	2.0	10.0
6	7/1.56	4.68	0.76	0.13	6.6	145	155	2.0	10.0
4	7/1.96	5.88	1.02	0.15	8.4	230	155	2.0	10.0
2	7/2.47	7.41	1.02	0.15	10.0	350	130	2.0	10.0
1	19/1.69	8.45	1.27	0.18	11.6	455	140	2.5	12.5
1/0	19/1.89	9.45	1.27	0.18	12.6	555	130	2.5	12.5
2/0	19/2.13	10.65	1.27	0.18	13.8	695	115	2.5	12.5
3/0	19/2.39	11.95	1.27	0.18	15.1	860	105	2.5	12.5
4/0	19/2.68	13.40	1.27	0.18	16.5	1,070	95	2.5	12.5
250	37/2.09	14.63	1.52	0.20	18.3	1,280	105	3.0	15.0
300	37/2.29	16.03	1.52	0.20	19.7	1,525	95	3.0	15.0
350	37/2.47	17.29	1.52	0.20	21.0	1,760	90	3.0	15.0
400	37/2.64	18.48	1.52	0.20	22.2	1,995	80	3.0	15.0
500	37/2.95	20.70	1.52	0.20	24.3	2,470	75	3.0	15.0
600	61/2.52	22.68	1.78	0.23	27.0	3,005	80	3.5	17.5
750	61/2.82	25.38	1.78	0.23	29.7	3,725	70	3.5	17.5
1000	61/3.25	29.25	1.78	0.23	33.6	4,905	60	3.5	17.5

600V TC Cable (Power&Control Cable)

UL 1277

600V THHN/THWN FR-PE

- VOLTAGE RATING : 600V
- CONDUCTOR TEMPERATURE : 75°C(167F)
- APPLICATION : Dry and wet locations.
- DESCRIPTION : Solid or stranded copper conductor
600V Class PVC (Flame-Retardant,
Moisture-Resistant and Heat-Resistant
Thermoplastic) insulation, Nylon jacket and
FR-PE sheath. (Optional Aluminum conductors)
- SPECIFICATION : UL1277



1. Stranded Conductor

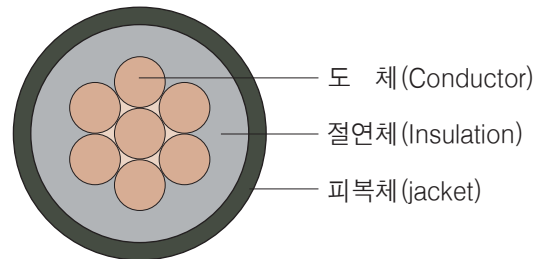
No. of cores	Conductor			Thick of insulation		Min. Thick of Nylon	Thick of sheath		Approx. Overall of cable	Approx. Weight of cable	Insulation Resistanceat 15°C	AC Test Voltage
	AWG or MCM	No. and Dia. of Wire	Diameter	Average	Minimum		Average	Minimum				
2C + E	12	7/0.775	2.34	0.38	0.33	0.1	1.14	0.91	11.0	180	175	2
	12	7/0.775	2.34	0.38	0.33	0.1						
2C + E	10	0.978	2.95	0.51	0.46	0.1	1.14	0.91	12.5	260	180	2
	10	0.978	2.95	0.51	0.46	0.1						
3C + E	4	7/1.96	5.88	1.02	0.91	0.15	2.03	1.63	24.0	1050	155	2
	8	7/1.23	3.69	0.76	0.69	0.13					185	
3C + E	350	37/2.47	17.29	1.52	1.38	0.2	2.79	2.24	52.0	6510	90	3
	3	7/2.2	6.6	1.02	0.91	0.15					145	2

Building Wire(Type THWN-2)

UL 83

600V THWN-2

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



1. Solid Conductor

Conductor			Minimum Average Thick of Insulation (mm)	Minimum Thick of Nylon jacket (mm)	Approx. Overall Dia. (mm)	Approx Net Weight (Kg/Km)	Insulation Resistance at 15°C (MΩ-km)	AC Test Voltage (kV/1min.)	Spark Test (kV)
Size (AWG)	NO.and Dia. Of Wire (NO./mm)	Diameter (mm)							
14	1/1.63	1.63	0.38	0.1	2.7	25	205	2	7.5
12	1/2.06	2.06	0.38	0.1	3.1	40	175	2	7.5
10	1/2.59	2.59	0.51	0.1	4.0	60	180	2	7.5

2. Stranded Conductor

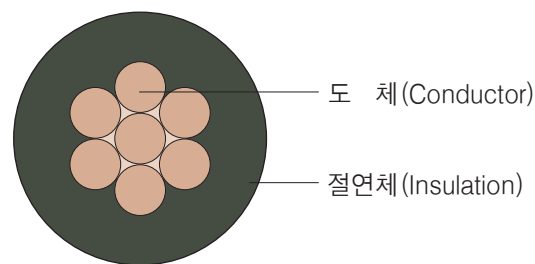
Conductor			Minimum Average Thick of Insulation (mm)	Minimum Thick of Nylon jacket (mm)	Approx. Overall Dia. (mm)	Approx Net Weight (Kg/Km)	Insulation Resistance at 15°C (MΩ-km)	AC Test Voltage (kV/1min.)	Spark Test (kV)
Size (AWG,MCM)	NO.and Dia. Of Wire (NO./mm)	Diameter (mm)							
14	7/0.615	1.85	0.38	0.10	3.0	25	205	2.0	7.5
12	7/0.775	2.34	0.38	0.10	3.4	40	175	2.0	7.5
10	7/0.978	2.95	0.51	0.10	4.3	60	180	2.0	7.5
8	7/1.23	3.69	0.76	0.13	5.6	95	185	2.0	10.0
6	7/1.56	4.68	0.76	0.13	6.6	145	155	2.0	10.0
4	7/1.96	5.88	1.02	0.15	8.4	230	155	2.0	10.0
2	7/2.47	7.41	1.02	0.15	10.0	350	130	2.0	10.0
1	19/1.69	8.45	1.27	0.18	11.6	455	140	2.5	12.5
1/0	19/1.89	9.45	1.27	0.18	12.6	555	130	2.5	12.5
2/0	19/2.13	10.65	1.27	0.18	13.8	695	115	2.5	12.5
3/0	19/2.39	11.95	1.27	0.18	15.1	860	105	2.5	12.5
4/0	19/2.68	13.40	1.27	0.18	16.5	1,070	95	2.5	12.5
250	37/2.09	14.63	1.52	0.20	18.3	1,280	105	3.0	15.0
300	37/2.29	16.03	1.52	0.20	19.7	1,525	95	3.0	15.0
350	37/2.47	17.29	1.52	0.20	21.0	1,760	90	3.0	15.0
400	37/2.64	18.48	1.52	0.20	22.2	1,995	80	3.0	15.0
500	37/2.95	20.70	1.52	0.20	24.3	2,470	75	3.0	15.0
600	61/2.52	22.68	1.78	0.23	27.0	3,005	80	3.5	17.5
750	61/2.82	25.38	1.78	0.23	29.7	3,725	70	3.5	17.5
1000	61/3.25	29.25	1.78	0.23	33.6	4,905	60	3.5	17.5

Underground Service Entrance Cable(Type USE-2)

UL 854 / UL 44

600V USE-2

- VOLTAGE RATING : 600V
- CONDUCTOR TEMPERATURE : 90°C(194F)
- APPLICATION : Dry and wet locations.
- DESCRIPTION : Solid or stranded copper conductor
600V Class XLPE (Flame-Retardant Thermoplastic) insulation.
(Optional Aluminum conductors)
- SPECIFICATION : UL 854, UL 44



1. Solid Conductor

Conductor			Minimum Average Thick of Insulation (mm)	Approx. Overall Dia. (mm)	Approx Net Weight (kg/km)	Insulation Resistance at 15.6℃ (MΩ-km)	AC Test Voltage (kV/1min.)	Spark Test (kV)
Size (AWG)	No. & Dia. of Wire (NO./mm)	Diameter (mm)						
14	1/1.63	1.63	1.14	4.1	35	1,165	3.0	7.5
12	1/2.06	2.06	1.14	4.5	46	1,005	3.0	7.5
10	1/2.59	2.59	1.14	5.0	65	845	3.0	7.5
8	1/3.26	3.26	1.52	6.7	110	795	3.5	10.0

2. Stranded Conductor

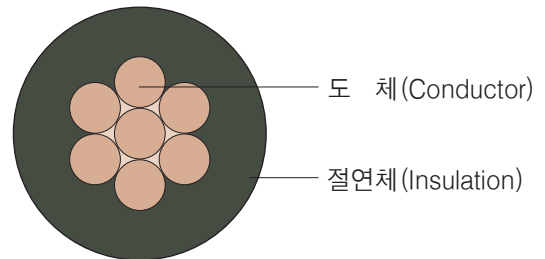
Conductor			Minimum Average Thick of Insulation (mm)	Approx. Overall Dia. (mm)	Approx Net Weight (kg/km)	Insulation Resistance at 15.6℃ (MΩ-km)	AC Test Voltage (kV/1min.)	Spark Test (kV)
Size (AWG,MCM)	No. & Dia. of Wire (NO./mm)	Diameter (mm)						
14	7/0.615	1.85	1.14	4.5	36	1,165	3.0	7.5
12	7/0.775	2.34	1.14	5.0	50	1,005	3.0	7.5
10	7/0.978	2.95	1.14	5.5	70	845	3.0	7.5
8	7/1.23	3.70	1.52	7.2	120	795	3.5	10.0
6	7/1.56	4.67	1.52	8.1	175	665	3.5	10.0
4	7/1.96	5.88	1.52	9.3	255	555	3.5	10.0
2	7/2.47	7.42	1.52	11.0	380	455	3.5	10.0
1	19/1.69	8.43	2.03	13.0	490	520	4.0	12.5
1/0	19/1.89	9.46	2.03	14.0	600	475	4.0	12.5
2/0	19/2.13	10.6	2.03	15.1	750	425	4.0	12.5
3/0	19/2.39	11.9	2.03	16.5	920	390	4.0	12.5
4/0	19/2.68	13.4	2.03	18.0	1,130	450	4.0	12.5
250	37/2.09	14.6	2.41	20.0	1,350	380	5.0	15.0
300	37/2.29	16.0	2.41	21.5	1,600	350	5.0	15.0
350	37/2.47	17.3	2.41	22.5	1,850	330	5.0	15.0
400	37/2.64	18.5	2.41	24.0	2,100	305	5.0	15.0
500	37/2.95	20.7	2.41	26.0	2,600	275	5.0	15.0
600	61/2.52	22.7	2.79	29.0	3,130	295	6.0	17.5
700	61/2.72	24.5	2.79	30.5	3,600	275	6.0	17.5
750	61/2.82	25.3	2.79	31.5	3,880	265	6.0	17.5
800	61/2.91	26.2	2.79	32.5	4,100	255	6.0	17.5
900	61/3.09	27.8	2.79	34.0	4,600	245	6.0	17.5
1000	61/3.25	29.3	2.79	35.5	5,050	230	6.0	17.5

Indoor Cable(Type RHW-2)

UL 44

600V RHW-2

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



1. Solid Conductor

Conductor			Minimum Average Thick of Insulation (mm)	Approx. Overall Dia. (mm)	Approx Net Weight (kg/km)	Insulation Resistance at 15.6℃ (MΩ-km)	AC Test Voltage (kV/1min.)	Spark Test (kV)
Size (AWG)	No. & Dia. of Wire (NO./mm)	Diameter (mm)						
14	1/1.63	1.63	1.14	4.1	35	1,165	3.0	7.5
12	1/2.06	2.06	1.14	4.5	46	1,005	3.0	7.5
10	1/2.59	2.59	1.14	5.0	65	845	3.0	7.5
8	1/3.26	3.26	1.52	6.7	110	795	3.5	10.0

2. Stranded Conductor

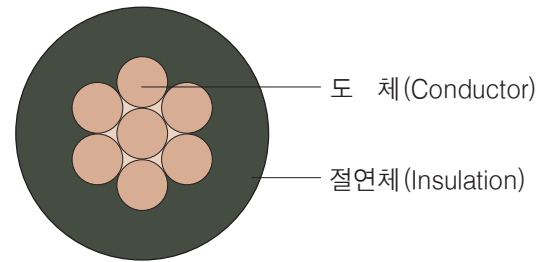
Conductor			Minimum Average Thick of Insulation (mm)	Approx. Overall Dia. (mm)	Approx Net Weight (kg/km)	Insulation Resistance at 15.6℃ (MΩ-km)	AC Test Voltage (kV/1min.)	Spark Test (kV)
Size (AWG,MCM)	No. & Dia. of Wire (NO./mm)	Diameter (mm)						
14	7/0.615	1.85	1.14	4.5	36	1,165	3.0	7.5
12	7/0.775	2.34	1.14	5.0	50	1,005	3.0	7.5
10	7/0.978	2.95	1.14	5.5	70	845	3.0	7.5
8	7/1.23	3.7	1.52	7.2	120	795	3.5	10.0
6	7/1.56	4.67	1.52	8.1	175	665	3.5	10.0
4	7/1.96	5.88	1.52	9.3	255	555	3.5	10.0
2	7/2.47	7.42	1.52	11.0	380	455	3.5	10.0
1	19/1.69	8.43	2.03	13.0	490	520	4.0	12.5
1/0	19/1.89	9.46	2.03	14.0	600	475	4.0	12.5
2/0	19/2.13	10.6	2.03	15.1	750	425	4.0	12.5
3/0	19/2.39	11.9	2.03	16.5	920	390	4.0	12.5
4/0	19/2.68	13.4	2.03	18.0	1,130	450	4.0	12.5
250	37/2.09	14.6	2.41	20.0	1,350	380	5.0	15.0
300	37/2.29	16	2.41	21.5	1,600	350	5.0	15.0
350	37/2.47	17.3	2.41	22.5	1,850	330	5.0	15.0
400	37/2.64	18.5	2.41	24.0	2,100	305	5.0	15.0
500	37/2.95	20.7	2.41	26.0	2,600	275	5.0	15.0
600	61/2.52	22.7	2.79	29.0	3,130	295	6.0	17.5
700	61/2.72	24.5	2.79	30.5	3,600	275	6.0	17.5
750	61/2.82	25.3	2.79	31.5	3,880	265	6.0	17.5
800	61/2.91	26.2	2.79	32.5	4,100	255	6.0	17.5
900	61/3.09	27.8	2.79	34.0	4,600	245	6.0	17.5
1000	61/3.25	29.3	2.79	35.5	5,050	230	6.0	17.5

Outdoor Power Cable

ICEA S-70-547

WP

- CONDUCTOR TEMPERATURE : 75°C(167F)
- DESCRIPTION : Hard-drawn solid or stranded copper conductor, LDPE insulation
(Optional Aluminum conductors)
- SPECIFICATION : ICEA S-70-547



1. Solid Conductor

Conductor			Minimum Average Thick of Insulation (mm)	Approx. Overall Dia. (mm)	Approx Net Weight (kg/km)
Size (AWG)	No. & Dia. of Wire (NO./mm)	Diameter (mm)			
10	1/1.63	1.63	0.76	4.5	60
8	1/2.06	2.06	0.76	5.0	85
6	1/2.59	2.59	0.76	6.0	135
4	1/3.26	3.26	0.76	7.0	210

2. Stranded Conductor

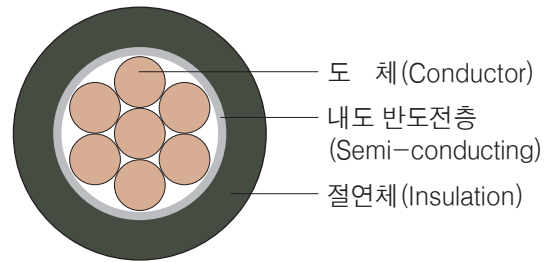
Conductor			Minimum Average Thick of Insulation (mm)	Minimum Thick of Nylon Sheath (mm)	Approx. Overall Dia. (mm)
Size (AWG,MCM)	No. & Dia. of Wire (NO./mm)	Diameter (mm)			
8	7/1.23	3.7	0.76	5.5	90
6	7/1.56	4.67	0.76	6.5	140
4	7/1.96	5.88	0.76	8.0	220
2	7/2.47	7.42	1.14	10.0	350
1	19/1.69	8.43	1.14	11.0	430
1/0	19/1.89	9.46	1.52	13.0	545
2/0	19/2.13	10.6	1.52	14.0	680
3/0	19/2.39	11.9	1.52	15.5	850
4/0	19/2.68	13.4	1.52	17.0	1,060
250	37/2.09	14.6	1.52	18.0	1,250
300	37/2.29	16	1.52	19.5	1,500
350	37/2.47	17.3	1.52	20.5	1,750
400	37/2.64	18.5	2.03	23.0	2,000
500	37/2.95	20.7	2.03	25.0	2,480
600	61/2.52	22.7	2.03	27.0	3,000
700	61/2.72	24.5	2.03	29.0	3,450
750	61/2.82	25.3	2.03	30.0	3,700
800	61/2.91	26.2	2.03	30.5	3,900
900	61/3.09	27.8	2.03	32.5	4,410
1000	61/3.25	29.3	2.41	34.5	4,900

Power Cable

UL 1072

5kV OC

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



1. Stranded Conductor

Size (AWG,MCM)	Conductor		Minimum Thick of Conductor Screen (mm)	Minimum Thick of Insulation (mm)	Approx. Overall Dia. (mm)	Approx Net Weight (kg/km)	Minimum Insulation Resistance Constant K at 15.6℃ (kΩ-1000ft.)	AC Test Voltage (kV/5min.)
	No. & Dia. of Wire (NO./mm)	Diameter (mm)						
8	7/1.23	3.69	0.15	2.79	10.60	150	20,000	18
6	7/1.56	4.68	0.15	2.79	11.60	205	20,000	18
4	7/1.96	5.88	0.15	2.79	12.80	290	20,000	18
2	7/2.47	7.41	0.15	2.79	14.40	415	20,000	18
1	19/1.69	8.45	0.15	2.79	15.40	510	20,000	18
1/0	19/1.89	9.45	0.15	2.79	16.40	615	20,000	18
2/0	19/2.13	10.65	0.15	2.79	17.60	760	20,000	18
3/0	19/2.39	11.95	0.15	2.79	18.90	930	20,000	18
4/0	19/2.68	13.40	0.15	2.79	20.40	1,145	20,000	18
250	37/2.09	14.63	0.15	3.05	22.20	1,360	20,000	18
300	37/2.29	16.03	0.15	3.05	23.60	1,610	20,000	18
350	37/2.47	17.29	0.15	3.05	24.80	1,845	20,000	18
400	37/2.64	18.48	0.15	3.05	26.20	2,095	20,000	18
500	37/2.95	20.70	0.15	3.05	28.40	2,580	20,000	18
600	61/2.52	22.68	0.15	3.30	31.00	3,110	20,000	18
750	61/2.82	25.38	0.15	3.30	33.90	3,855	20,000	18
1000	61/3.25	29.25	0.15	3.30	37.80	5,045	20,000	18

2. Compress Conductor

Size (AWG,MCM)	Conductor		Minimum Thick of Conductor Screen (mm)	Minimum Thick of Insulation (mm)	Approx. Overall Dia. (mm)	Approx Net Weight (kg/km)	Minimum Insulation Resistance Constant K at 15.6℃ (kΩ-1000ft.)	AC Test Voltage (kV/5min.)
	No. & Dia. of Wire (NO./mm)	Diameter (mm)						
2	C.P	7.20	0.15	2.79	14.10	415	20,000	18
1	C.P	8.10	0.15	2.79	15.00	505	20,000	18
1/0	C.P	9.17	0.15	2.79	16.10	615	20,000	18
2/0	C.P	10.30	0.15	2.79	17.20	755	20,000	18
3/0	C.P	11.58	0.15	2.79	18.50	925	20,000	18
4/0	C.P	13.00	0.15	2.79	19.90	1,140	20,000	18
250	C.P	14.18	0.15	3.05	21.70	1,355	20,000	18
300	C.P	15.50	0.15	3.05	23.00	1,600	20,000	18
350	C.P	16.80	0.15	3.05	24.30	1,840	20,000	18
400	C.P	18.00	0.15	3.05	25.70	2,090	20,000	18
500	C.P	20.00	0.15	3.05	27.70	2,565	20,000	18
600	C.P	22.00	0.15	3.30	30.30	3,095	20,000	18
750	C.P	24.60	0.15	3.30	33.10	3,715	20,000	18
1000	C.P	28.40	0.15	3.30	36.90	5,020	20,000	18

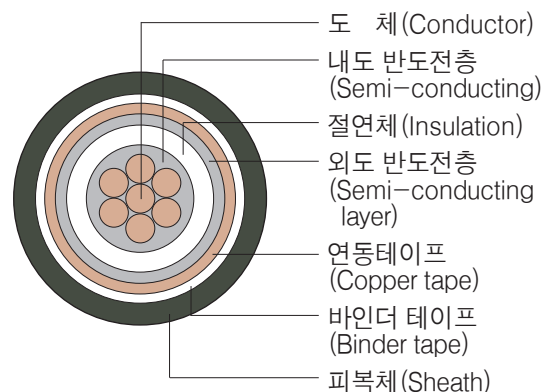
※C.P : Compress

Power Cable

UL 1072

5kV DBE

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



1. Stranded Conductor

Conductor			Minimum Thick of Conductor Screen (mm)	Minimum Thick of Insulation (mm)	Minimum Thick of Insulation Screen (mm)	Thick of Copper Screen Tape (mm)	Minimum Thick of Sheath (mm)	Approx. Overall Dia. (mm)	Approx. Net Weight (kg/km)	Minimum Insulation Resistance Constant K at 15.6℃ (kΩ-1000ft.)	AC Test Voltage (kV/5min.)
Size (AWG, MCM)	No. & Dia. of Wire (NO./mm)	Diameter (mm)									
6	7/1.56	4.68	0.15	2.16	0.61	0.10	1.40	17.70	405	20,000	18
4	7/1.96	5.88	0.15	2.16	0.61	0.10	1.40	19.00	535	20,000	18
2	7/2.47	7.41	0.15	2.16	0.61	0.10	1.40	20.10	650	20,000	18
1	19/1.69	8.45	0.15	2.16	0.61	0.10	1.40	21.10	760	20,000	18
1/0	19/1.89	9.45	0.15	2.16	0.61	0.10	1.78	23.10	940	20,000	18
2/0	19/2.13	10.65	0.15	2.16	0.61	0.10	1.78	24.50	1,100	20,000	18
3/0	19/2.39	11.95	0.15	2.16	0.61	0.10	1.78	25.80	1,300	20,000	18
4/0	19/2.68	13.40	0.15	2.16	0.61	0.10	1.78	27.00	1,540	20,000	18
250	37/2.09	14.63	0.15	2.16	0.61	0.10	1.78	28.50	1,755	20,000	18
300	37/2.29	16.03	0.15	2.16	0.61	0.10	1.78	29.80	2,025	20,000	18
350	37/2.47	17.29	0.15	2.16	0.81	0.10	1.78	31.30	2,285	20,000	18
400	37/2.64	18.48	0.15	2.16	0.81	0.10	1.78	32.30	2,550	20,000	18
500	37/2.95	20.70	0.15	2.16	0.81	0.10	1.78	34.50	3,065	20,000	18
600	61/2.52	22.68	0.15	2.16	0.81	0.10	1.78	36.30	3,570	20,000	18
750	61/2.82	25.38	0.15	2.16	0.81	0.10	1.78	39.10	4,345	20,000	18
1000	61/3.25	29.25	0.15	2.16	1.02	0.10	2.54	44.50	5,720	20,000	18

2. Compress Conductor

Conductor			Minimum Thick of Conductor Screen (mm)	Minimum Thick of Insulation (mm)	Minimum Thick of Insulation Screen (mm)	Thick of Copper Screen Tape (mm)	Minimum Thick of Sheath (mm)	Approx. Overall Dia. (mm)	Approx. Net Weight (kg/km)	Minimum Insulation Resistance Constant K at 15.6℃ (kΩ-1000ft.)	AC Test Voltage (kV/5min.)
Size (AWG, MCM)	No. & Dia. of Wire (NO./mm)	Diameter (mm)									
2	C.P	7.20	0.15	2.16	0.61	0.10	1.40	19.90	640	20,000	18
1	C.P	8.10	0.15	2.16	0.61	0.10	1.40	20.80	745	20,000	18
1/0	C.P	9.17	0.15	2.16	0.61	0.10	1.78	22.80	930	20,000	18
2/0	C.P	10.30	0.15	2.16	0.61	0.10	1.78	24.00	1,090	20,000	18
3/0	C.P	11.58	0.15	2.16	0.61	0.10	1.78	25.30	1,290	20,000	18
4/0	C.P	13.00	0.15	2.16	0.61	0.10	1.78	26.60	1,525	20,000	18
250	C.P	14.18	0.15	2.16	0.61	0.10	1.78	27.90	1,740	20,000	18
300	C.P	15.50	0.15	2.16	0.61	0.10	1.78	29.20	2,010	20,000	18
350	C.P	16.80	0.15	2.16	0.81	0.10	1.78	30.50	2,270	20,000	18
400	C.P	18.00	0.15	2.16	0.81	0.10	1.78	31.70	2,535	20,000	18
500	C.P	20.00	0.15	2.16	0.81	0.10	1.78	33.70	3,050	20,000	18
600	C.P	22.00	0.15	2.16	0.81	0.10	1.78	35.50	3,550	20,000	18
750	C.P	24.60	0.15	2.16	0.81	0.10	1.78	38.30	4,330	20,000	18
1000	C.P	28.40	0.15	2.16	0.81	0.10	2.54	43.70	5,700	20,000	18

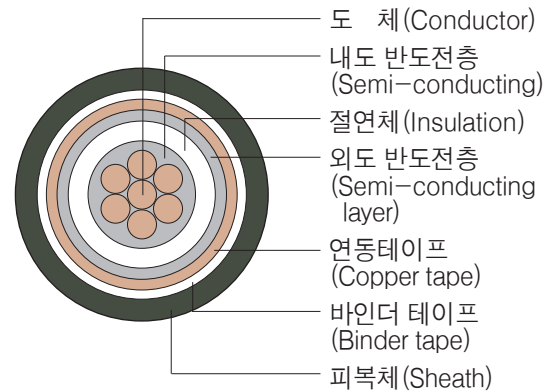
※C.P : Compress

Power Cable

UL 1072

8kV DBE

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



1. Stranded Conductor

Conductor			Minimum Thick of Conductor Screen (mm)	Minimum Thick of Insulation (mm)	Minimum Thick of Insulation Screen (mm)	Thick of Copper Screen Tape (mm)	Minimum Thick of Sheath (mm)	Approx. Overall Dia. (mm)	Approx. Net Weight (kg/km)	Minimum Insulation Resistance Constant K at 15.6℃ (kΩ-1000ft.)	AC Test Voltage (kV/5min.)
Size (AWG, MCM)	No. & Dia. of Wire (NO./mm)	Diameter (mm)									
6	7/1.56	4.68	0.15	3.43	0.61	0.10	1.40	19.10	435	20,000	28
4	7/1.96	5.88	0.15	3.43	0.61	0.10	1.40	20.30	540	20,000	28
2	7/2.47	7.41	0.15	3.43	0.61	0.10	1.78	22.80	725	20,000	28
1	19/1.69	8.45	0.15	3.43	0.61	0.10	1.78	23.80	825	20,000	28
1/0	19/1.89	9.45	0.15	3.43	0.61	0.10	1.78	24.80	930	20,000	28
2/0	19/2.13	10.65	0.15	3.43	0.61	0.10	1.78	26.00	1,115	20,000	28
3/0	19/2.39	11.95	0.15	3.43	0.61	0.10	1.78	27.30	1,305	20,000	28
4/0	19/2.68	13.4	0.15	3.43	0.61	0.10	1.78	28.70	1,545	20,000	28
250	37/2.09	14.63	0.15	3.43	0.61	0.10	1.78	30.10	1,755	20,000	28
300	37/2.29	16.03	0.15	3.43	0.61	0.10	1.78	31.50	2,025	20,000	28
350	37/2.47	17.29	0.15	3.43	0.81	0.10	1.78	33.20	2,305	20,000	28
400	37/2.64	18.48	0.15	3.43	0.81	0.10	1.78	34.50	2,575	20,000	28
500	37/2.95	20.70	0.15	3.43	0.81	0.10	1.78	36.70	3,090	20,000	28
600	61/2.52	22.68	0.15	3.43	0.81	0.10	1.78	38.70	3,625	20,000	28
750	61/2.82	25.38	0.15	3.43	0.81	0.10	1.78	41.60	4,410	20,000	28
1000	61/3.25	29.25	0.15	3.43	1.02	0.10	2.54	47.70	5,815	20,000	28

2. Compress Conductor

Conductor			Minimum Thick of Conductor Screen (mm)	Minimum Thick of Insulation (mm)	Minimum Thick of Insulation Screen (mm)	Thick of Copper Screen Tape (mm)	Minimum Thick of Sheath (mm)	Approx. Overall Dia. (mm)	Approx. Net Weight (kg/km)	Minimum Insulation Resistance Constant K at 15.6℃ (kΩ-1000ft.)	AC Test Voltage (KV/5min.)
Size (AWG, MCM)	No. & Dia. of Wire (NO./mm)	Diameter (mm)									
2	C.P	7.20	0.15	3.43	0.61	0.10	1.78	22.50	705	20,000	28
1	C.P	8.10	0.15	3.43	0.61	0.10	1.78	23.40	810	20,000	28
1/0	C.P	9.17	0.15	3.43	0.61	0.10	1.78	24.50	935	20,000	28
2/0	C.P	10.30	0.15	3.43	0.61	0.10	1.78	25.60	1,100	20,000	28
3/0	C.P	11.58	0.15	3.43	0.61	0.10	1.78	26.70	1,280	20,000	28
4/0	C.P	13.00	0.15	3.43	0.61	0.10	1.78	28.20	1,515	20,000	28
250	C.P	14.18	0.15	3.43	0.61	0.10	1.78	29.70	1,740	20,000	28
300	C.P	15.50	0.15	3.43	0.61	0.10	1.78	31.00	1,995	20,000	28
350	C.P	16.80	0.15	3.43	0.81	0.10	1.78	32.70	2,285	20,000	28
400	C.P	18.00	0.15	3.43	0.81	0.10	1.78	34.10	2,550	20,000	28
500	C.P	20.00	0.15	3.43	0.81	0.10	1.78	36.10	3,060	20,000	28
600	C.P	22.00	0.15	3.43	0.81	0.10	1.78	38.10	3,590	20,000	28
750	C.P	24.60	0.15	3.43	0.81	0.10	1.78	40.90	4,255	20,000	28
1000	C.P	28.40	0.15	3.43	0.81	0.10	2.54	46.50	5,730	20,000	28

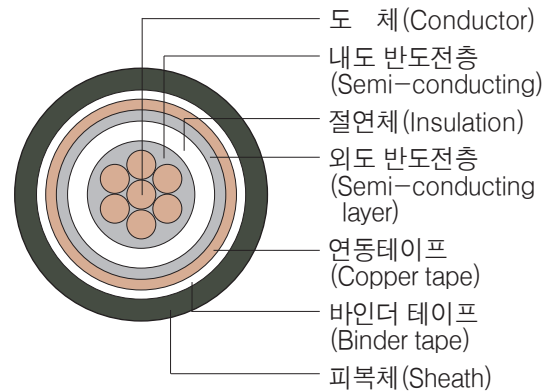
※C.P : Compress

Power Cable

UL 1072

15kV DBE

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



1. Stranded Conductor

Conductor			Minimum Thick of Conductor Screen (mm)	Minimum Thick of Insulation (mm)	Minimum Thick of Insulation Screen (mm)	Thick of Copper Screen Tape (mm)	Minimum Thick of Sheath (mm)	Approx. Overall Dia. (mm)	Approx. Net Weight (kg/km)	Minimum Insulation Resistance Constant K at 15.6℃ (kΩ-1000ft.)	AC Test Voltage (KV/5min.)
Size (AWG, MCM)	No. & Dia. of Wire (NO./mm)	Diameter (mm)									
2	7/2.47	7.41	0.15	5.33	0.61	0.10	1.78	26.80	875	20,000	44
1	19/1.69	8.45	0.15	5.33	0.61	0.10	1.78	27.80	985	20,000	44
1/0	19/1.89	9.45	0.15	5.33	0.61	0.10	1.78	28.80	1,115	20,000	44
2/0	19/2.13	10.65	0.15	5.33	0.61	0.10	1.78	30.10	1,290	20,000	44
3/0	19/2.39	11.95	0.15	5.33	0.61	0.10	1.78	31.40	1,490	20,000	44
4/0	19/2.68	13.4	0.15	5.33	0.81	0.10	1.78	33.30	1,755	20,000	44
250	37/2.09	14.63	0.15	5.33	0.81	0.10	1.78	29.20	1,715	20,000	44
300	37/2.29	16.03	0.15	5.33	0.81	0.10	1.78	35.90	2,255	20,000	44
350	37/2.47	17.29	0.15	5.33	0.81	0.10	1.78	37.20	2,520	20,000	44
400	37/2.64	18.48	0.15	5.33	0.81	0.10	1.78	38.60	2,800	20,000	44
500	37/2.95	20.70	0.15	5.33	0.81	0.10	1.78	40.70	3,325	20,000	44
600	61/2.52	22.68	0.15	5.33	0.81	0.10	2.54	44.50	3,990	20,000	44
750	61/2.82	25.38	0.15	5.33	1.02	0.10	2.54	47.80	4,835	20,000	44
1000	61/3.25	29.25	0.15	5.33	1.02	0.10	2.54	52.10	6,125	20,000	44

2. Compress Conductor

Conductor			Minimum Thick of Conductor Screen (mm)	Minimum Thick of Insulation (mm)	Minimum Thick of Insulation Screen (mm)	Thick of Copper Screen Tape (mm)	Minimum Thick of Sheath (mm)	Approx. Overall Dia. (mm)	Approx. Net Weight (kg/km)	Minimum Insulation Resistance Constant K at 15.6℃ (kΩ-1000ft.)	AC Test Voltage (KV/5min.)
Size (AWG, MCM)	No. & Dia. of Wire (NO./mm)	Diameter (mm)									
2	C.P	7.20	0.15	5.33	0.61	0.10	1.78	26.50	860	20,000	44
1	C.P	8.10	0.15	5.33	0.61	0.10	1.78	27.40	970	20,000	44
1/0	C.P	9.17	0.15	5.33	0.61	0.10	1.78	28.50	1,100	20,000	44
2/0	C.P	10.30	0.15	5.33	0.61	0.10	1.78	29.80	1,265	20,000	44
3/0	C.P	11.58	0.15	5.33	0.81	0.10	1.78	31.40	1,490	20,000	44
4/0	C.P	13.00	0.15	5.33	0.81	0.10	1.78	32.90	1,730	20,000	44
250	C.P	14.18	0.15	5.33	0.81	0.10	1.78	34.10	1,955	20,000	44
300	C.P	15.50	0.15	5.33	0.81	0.10	1.78	35.40	2,225	20,000	44
350	C.P	16.80	0.15	5.33	0.81	0.10	1.78	36.70	2,495	20,000	44
400	C.P	18.00	0.15	5.33	0.81	0.10	1.78	38.10	2,775	20,000	44
500	C.P	20.00	0.15	5.33	0.81	0.10	1.78	40.10	3,295	20,000	44
600	C.P	22.00	0.15	5.33	0.81	0.10	1.78	42.10	3,835	20,000	44
750	C.P	24.60	0.15	5.33	0.81	0.10	2.54	46.70	4,635	20,000	44
1000	C.P	28.40	0.15	5.33	1.02	0.10	2.54	51.30	6,062	20,000	44

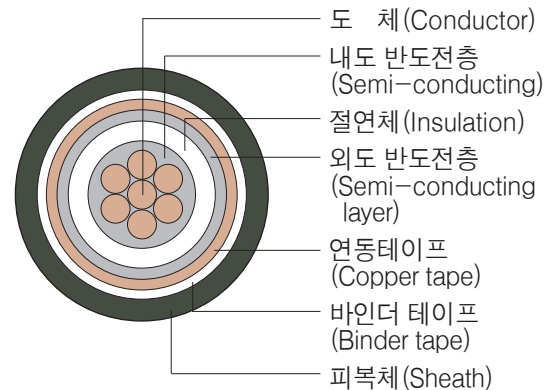
※C.P : Compress

Power Cable

UL 1072

25kV DBE

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



1. Stranded Conductor

Conductor			Minimum Thick of Conductor Screen (mm)	Minimum Thick of Insulation (mm)	Minimum Thick of Insulation Screen (mm)	Thick of Copper Screen Tape (mm)	Minimum Thick of Sheath (mm)	Approx. Overall Dia. (mm)	Approx. Net Weight (kg/km)	Minimum Insulation Resistance Constant K at 15.6℃ (kΩ-1000ft.)	AC Test Voltage (KV/5min.)
Size (AWG, MCM)	No. & Dia. of Wire (NO./mm)	Diameter (mm)									
1/0	19/1.89	9.45	0.15	8.38	0.81	0.10	1.78	35.30	1,440	20,000	64
2/0	19/2.13	10.65	0.15	8.38	0.81	0.10	1.78	36.50	1,620	20,000	64
3/0	19/2.39	11.95	0.15	8.38	0.81	0.10	1.78	37.80	1,835	20,000	64
4/0	19/2.68	13.40	0.15	8.38	0.81	0.10	1.78	39.30	2,095	20,000	64
250	37/2.09	14.63	0.15	8.38	0.81	0.10	1.78	40.50	2,325	20,000	64
300	37/2.29	16.03	0.15	8.38	0.81	0.10	1.78	41.90	2,610	20,000	64
350	37/2.47	17.29	0.15	8.38	0.81	0.10	2.54	45.00	3,000	20,000	64
400	37/2.64	18.48	0.15	8.38	0.81	0.10	2.54	46.40	3,295	20,000	64
500	37/2.95	20.70	0.15	8.38	1.02	0.10	2.54	48.90	3,885	20,000	64
600	61/2.52	22.68	0.15	8.38	1.02	0.10	2.54	51.30	4,465	20,000	64
750	61/2.82	25.38	0.15	8.38	1.02	0.10	2.54	54.20	5,300	20,000	64
1000	61/3.25	29.25	0.15	8.38	1.02	0.10	2.54	58.10	6,615	20,000	64

2. Compress Conductor

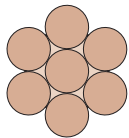
Conductor			Minimum Thick of Conductor Screen (mm)	Minimum Thick of Insulation (mm)	Minimum Thick of Insulation Screen (mm)	Thick of Copper Screen Tape (mm)	Minimum Thick of Sheath (mm)	Approx. Overall Dia. (mm)	Approx. Net Weight (kg/km)	Minimum Insulation Resistance Constant K at 15.6℃ (kΩ-1000ft.)	AC Test Voltage (KV/5min.)
Size (AWG, MCM)	No. & Dia. of Wire (NO./mm)	Diameter (mm)									
1	C.P	8.10	0.15	8.38	0.81	0.10	1.78	34.00	1,280	20,000	64
1/0	C.P	9.17	0.15	8.38	0.81	0.10	1.78	35.00	1,420	20,000	64
2/0	C.P	10.30	0.15	8.38	0.81	0.10	1.78	36.20	1,595	20,000	64
3/0	C.P	11.58	0.15	8.38	0.81	0.10	1.78	37.40	1,805	20,000	64
4/0	C.P	13.00	0.15	8.38	0.81	0.10	1.78	38.90	2,060	20,000	64
250	C.P	14.18	0.15	8.38	0.81	0.10	1.78	40.00	2,295	20,000	64
300	C.P	15.50	0.15	8.38	0.81	0.10	1.78	41.40	2,575	20,000	64
350	C.P	16.80	0.15	8.38	0.81	0.10	2.54	44.50	2,970	20,000	64
400	C.P	18.00	0.15	8.38	0.81	0.10	2.54	45.90	3,265	20,000	64
500	C.P	20.00	0.15	8.38	1.02	0.10	2.54	48.30	3,845	20,000	64
600	C.P	22.00	0.15	8.38	1.02	0.10	2.54	50.70	3,415	20,000	64
750	C.P	24.60	0.15	8.38	1.02	0.10	2.54	53.50	5,130	20,000	64
1000	C.P	28.40	0.15	8.38	1.02	0.10	2.54	57.30	6,555	20,000	64

※C.P : Compress

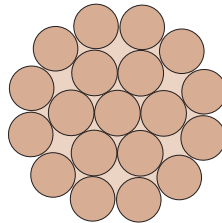
Annealed Copper Stranded Wire

ASTM B 8

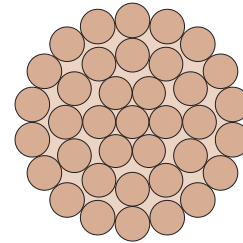
SDBC



7 st.



19 st.



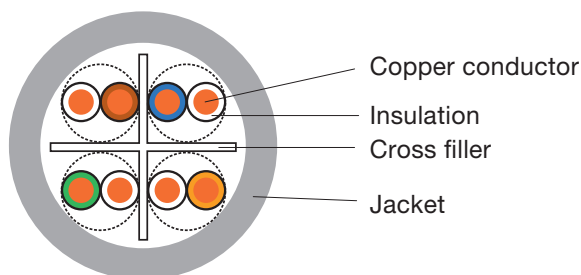
37 st.

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

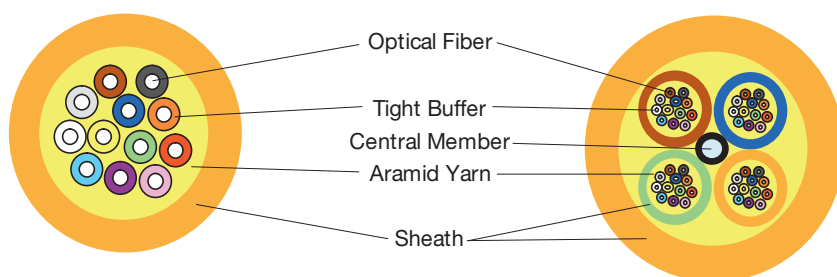
Frequency (MHz)	Characteristic impedance (Ω)	Return loss Min. (dB/100m)	Attenuation Max. (dB/100m)	NEXT Min. (dB/100m)	PSNEXT Min. (dB/100m)	ELFEXT Min. (dB/100m)	PSELFEXT Min. (dB/100m)
0.772	100±6	19.4	1.8	76	74	70	68
1	100±6	20	2	74.3	72.3	67.8	65.8
4	100±6	23	3.8	65.3	63.3	55.8	53.8
8	100±6	24.5	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 rolling hills and another smaller tower. The overall scene is bright and clear.

CERTIFICATES

CERTIFICATE OF APPROVAL

DAEWON CABLE Co., Ltd.

92, HOEUMDEONGNYEONG-GIL, GODEOK-MYEON, YESAN-GUN, CHUNGCHONGNAM-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

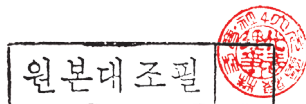
VALID FROM

19 September, 2013

VALID UNTIL

18 September, 2016

Original Certification Date : 01 April, 2003



Chang Ryong Kim

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.

원본대조필

William R. Carey

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

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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.

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.

원본대조필

William R. Carey

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

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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.

원본대조필

William R. Carey

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

원본대조필

William R. Carey

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.

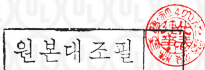
Have been investigated by UL in accordance with the Standard(s) indicated on this Certificate.

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.



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

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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.

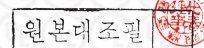
Standard(s) for Safety: UL 758, Appliance Wiring Material
Additional Information: See the UL Online Certifications Directory at www.ul.com/database for additional information

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. Carney
 William R. Carney, 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.

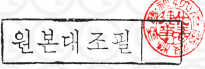
Standard(s) for Safety: UL 758 - Appliance Wiring Material
Additional Information: See the UL Online Certifications Directory at www.ul.com/database for additional information

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. Carney
 William R. Carney, 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.

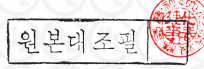
Standard(s) for Safety: UL 758-for Appliance Wiring Material
Additional Information: See the UL Online Certifications Directory at www.ul.com/database for additional information

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.



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


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Report Reference E336580-20100503
Issue Date 2013-APRIL-18

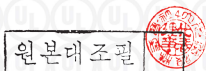
Issued to: DAE WON CABLE CO LTD
 134-7 OCHU-RI
 GODEOK-MYON
 YESAN-GUN CHUNGNAM-DO 340-934 KOREA

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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 William R. Carney, Director, North American Certification Programs

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CERTIFICATE OF COMPLIANCE


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Report Reference E332809-20100507
Issue Date 2013-OCTOBER-18

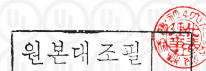
Issued to: DAE WON CABLE CO LTD
 134-7 OCHU-RI
 GODEOK-MYON
 YESAN-GUN CHUNGNAM-DO 340-934 KOREA

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.



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

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CERTIFICATE OF COMPLIANCE


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

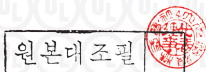
Issued to: DAE WON CABLE CO LTD
 134-7 OCHU-RI
 GODEOK-MYON
 YESAN-GUN CHUNGNAM-DO 340-934 KOREA

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.



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 William R. Carney, Director, North American Certification Programs

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 contact a local UL Customer Service Representative at usinfo@ul.com



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CERTIFICATE OF COMPLIANCE


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

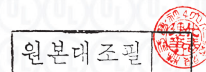
Issued to: DAE WON CABLE CO LTD
 134-7 OchU-RI
 Godeok-Myon
 Yesan-Gun Chungnam-Do 340-934 KOREA

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.



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

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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).

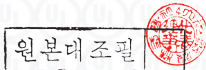
Have been investigated by UL in accordance with the Standard(s) indicated on this Certificate.

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.





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

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MEMO

Handwriting practice lines consisting of 20 horizontal dotted lines.

MEMO

Handwriting practice lines consisting of 24 horizontal dotted lines.

MAIN PRODUCTS

BARE COPPER WIRES

- Hard Drawn Copper Wire (H)
- Annealed Copper Wire (A)
- Tinnealed Hard Drawn Copper Wire (TH)
- Annealed Copper Stranded Conductor (AS)
- Flexible Stranded Copper Conductor (Bunch Stranded) (BAS)
- Tinned Annealed Copper Stranded Conductor (TAS)

INSULATED WIRE & CABLES

- Outdoor Weather proof PVC Insulated Wire (OW)
- 660V Outdoor XLPE Insulated Wire (OC)
- 22KV Outdoor XLPE Insulated Wire (OC)
- PVC Insulated Drop Service Wire (DV)
- High Voltage XLPE Insulated Pole Drop Wire (PDC)
- 6600V Outdoor ACSR Conductor XLPE Insulated Wire (ACSR-)
- 22KV Outdoor ACSR Conductor XLPE Insulated Wire (ACSR-O)
- 600V PVC Insulated Wire for Electrical Instruments (KIV)
- PVC Insulated Cabtype Cable (VCT)
- PVC Insulated PVC Sheathed Control Cable (CVV)
- XLPE Insulated PVC Sheathed Control Cable (CCV)
- PVC Insulated PVC Sheathed Control Cable with Electrostatic Shield(CVV-S)
- XLPE Insulated PVC Sheathed Control Cable with Electrostatic Shield(CCV-S)
- PVC Insulated PVC Sheathed Signal Cable (SVV) PVC Insulated PVC
- Sheathed Self-Supporting Signal Cable (SVV-SS)
- Building Wire (TW, THW)
- 600V Flame-Retardant XLPE Insulated PVC Sheathed Cable
- 600V Flame-Retardant XLPE Insulated wire(XHHW) Polyvinyl Chloride Insulated
- Cables of Rated Up to and Including 450/750V
- Service Entrance Cable (USE-2)
- Appliance Wiring Material (AWM)
- Irradiated wire & cable

ALUMINIUM WIRES

- Hard Drawn Aluminium Wire (HAL)
- Hard Drawn Aluminium Stranded Conductor (HSC)
- Aluminum Conductor Steel Reinforced (ACSR)
- Concentric-Lay-Stranded Aluminum Conductors Aluminum-Clad Steel Reinforced (ACSR/AW)

POWER CABLES

- 0,6/1kV PVC Insulated PVC Sheathed Cable (VV)
- 0,6/1kV XLPE Insulated PVC Sheathed Cable (CV)
- 1,8/3kV XLPE Insulated PVC Sheathed Cable (CV)
- 6/10kV XLPE Insulated PVC Sheathed Cable (CV)
- 8,7/15kV XLPE Insulated PVC Sheathed Cable (CV)
- 12/20kV XLPE Insulated PVC Sheathed Cable (CV)
- 18/30kV XLPE Insulated PVC Sheathed Cable (CV)
- Triplex Type CV Cable (CVT)
- XLPE Insulated PVC Sheathed Wire Armoured Cable (CV-WAV)
- 22,9kV TR CNCE-W (22,9kV XLPE Insulated Polyethylene Jacketed Water-Proof Power Cables)
- 22,9kV AL TR CNCE-W (22,9kV Aluminium Conductors, Water Tree XLPE Insulated Polyethylene Jacketed Water-proof Power Cables)
- 22,9kV FR CNCO-W (22,9kV Crosslinked Polyethylene Insulated PVC Sheathed Cables)

COMMUNICATION WIRE & CABLES

- PVC Insulated Indoor Telephone Wire (TIV)
- PVC Insulated Jumper Wire (TOE)
- High Frequency Coaxial Cable (ECX)
- PE Insulated PE Sheathed pair Type City Cable (CCP-LAP-SZ-SS)
- PE Insulated Jely Filling PE Sheathed City Cable (CCP-JF-LAP)

- PEF-LAP Toll Cable (PEF-LAP)
- Foam/Skin Jelly Filling Cable (FS-JF-LAP)
- PE Insulated Z Screened Stalpeth Cable (PCM-Z Screen-STALPETH)
- ALPETH Cable
- STALPETH Cable
- Wire Armoured Cable
- Steel Tape Armoured Cable Coaxial Cables for television receivers

OPTICAL FIBER CABLES

- Loose Tube Core metallic Cable
- Loose Tube Core non-metallic Cable
- Loose Tube Core Self Supported Cable
- Loose Tube Core Armoured Cable

DATA-COMMUNICATION (LAN) CABLES

- Category 6 UTP Cable
- Category 5 Enhanced UTP Cable
- Category 5 UTP Cable
- Category 3 UTP Cable
- Halogen-Free Lan Cable

Eco-friendly and Halogen-free Flame Retardant Cables

- 450/750V Polyolefin Insulated Wire (450/750V HF-HO)
- 450/750V Crosslinked Polyolefin Insulated Wire (450/750V HF-IX)
- 0,6/1kV XLPE Insulated Polyolefin Sheathed Power Cable (0,6/1kV HF-CO)
- 6/10kV XLPE Insulated Polyolefin Sheathed Power Cable (6/10kV HF-CO)
- 12/20kV XLPE Insulated Polyolefin Sheathed Power Cable (12/20kV HF-CO)
- 18/30kV XLPE Insulated Polyolefin Sheathed Power Cable (18/30kV HF-CO)
- 22,9kV XLPE Insulated Polyolefin Sheathed Concentric Neutral Power Cable (22,9kV FR-CNCO-W)
- 0,6/1kV XLPE Insulated Polyolefin Sheathed Control Cable (0,6/1kV HF-CCO)
- 0,6/1kV XLPE Insulated Polyolefin Sheathed Copper Tape Shielded Control Cable (0,6/1kV HF-CCO-S)
- 0,6/1kV XLPE Insulated Polyolefin Sheathed Copper Wire Braided Control Cable (0,6/1kV HF-CCO-SB)
- 0,6/1kV XLPE Insulated Polyolefin Sheathed Aluminum Mylar Tape Shielded Instrumentation Cable (0,6/1kV HF-CCO-AMS)
- 0,6/1kV XLPE Insulated Polyolefin Sheathed Fire-Proof Cable (0,6/1kV NFR-8)
- 0,6/1kV XLPE Insulated Polyolefin Sheathed Fire-Alarm Heat-Resistant Cable (0,6/1kV NFR-3)

Flame Retardant Cables for Cable Tray

- 0,6/1kV XLPE Insulated PVC Sheathed Power Cable (0,6/1kV TFR-CV)
- 6/10kV XLPE Insulated PVC Sheathed Power Cable (6/10kV TFR-CV)
- 12/20kV XLPE Insulated PVC Sheathed Power Cable (12/20kV TFR-CV)
- 0,6/1kV XLPE Insulated PVC Sheathed Control Cable (0,6/1kV TFR-CCV)
- 0,6/1kV XLPE Insulated PVC Sheathed Copper Tape Shielded Control Cable (0,6/1kV TFR-CCV-S)
- 0,6/1kV XLPE Insulated PVC Sheathed Copper Wire Braided Shielded Control Cable (0,6/1kV TFR-CCV-SB)
- 0,6/1kV XLPE Insulated PVC Sheathed Aluminum Mylar Tape Shielded Instrumentation Cable (0,6/1kV TFR-CCV-AMS)
- 0,6/1kV XLPE Insulated PVC Sheathed Fire-Proof Cable (0,6/1kV TFR-8)
- 0,6/1kV XLPE Insulated PVC Sheathed Fire-Alarm Heat-Resistant Cable (0,6/1kV TFR-3)
- 0,6/1kV PVC Insulated PVC Sheathed Control Cable (0,6/1kV TFR-CVV)
- 0,6/1kV PVC Insulated PVC Sheathed Copper Tape Shielded Control Cable (0,6/1kV TFR-CVV-S)
- 0,6/1kV PVC Insulated PVC Sheathed Copper Wire Braided Shielded Control Cable (0,6/1kV TFR-CVV-SB)
- 0,6/1kV PVC Insulated PVC Sheathed Aluminum Mylar Tape Shielded Instrumentation Cable (0,6/1kV TFR-CVV-AMS)