



YUJIN TECHNO



INNOBIZ
기술혁신영종소기업

VDE



Message from the CEO

Dear valued stakeholders,

As the Chief Executive Officer of YUJINTECHNO Co., Ltd., I am pleased to address you.

YUJINTECHNO stands as the sole wire and cable manufacturing company in the Gwangju-Jeonnang region, specializing in the production of electrical wires, cables, and air conditioning installation materials.

In our Electrical Cable Division, we design and manufacture both overhead and underground power cables. With a strong focus on technological innovation and quality, we supply our products to the Korea Electric Power Corporation (KEPCO) and have earned numerous certifications, including the prestigious VDE certification from Germany, along with domestic standards such as KS and KC. These certifications reflect our commitment to maintaining the highest standards of safety, reliability, and performance.

In the Air Conditioning Installation Materials Division, we provide tailored solutions to meet the precise needs of our clients, strengthening our competitive position in the market. We supply leading companies in the domestic air conditioning industry, contributing to their success through quality and reliability.

In addition to our robust domestic presence, we have expanded our global reach with branches in China and Thailand, and we actively participate in international trade exhibitions to further promote our brand and explore new business opportunities in global markets.

YUJINTECHNO's continued success is the result of our unwavering commitment to listening to our customers, fostering a culture of innovation, and leveraging the dedication of our employees. As we move forward, we will continue to pursue excellence, drive sustainable growth, and create long-term value for our stakeholders.

Thank you for your continued trust and support.

Sincerely,

Se-won Ji
CEO, YUJINTECHNO Co., Ltd.

History



Plant Status

Gwangju Factory



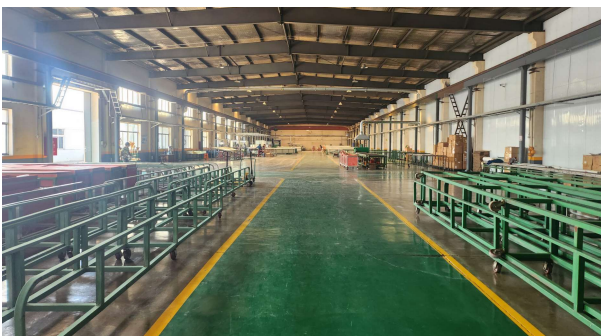
Naju Factory



R&D Center



Tianjin Factory, China



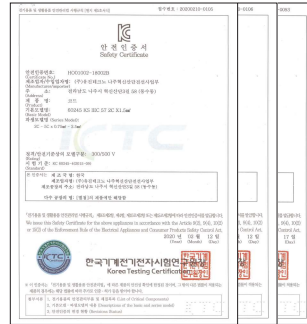
Chonburi Factory, Thailand



Patents and Certificates



ISO Certificate



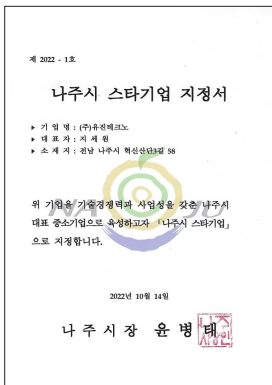
KC Certificate



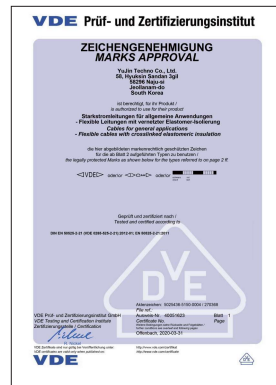
KS Certificate



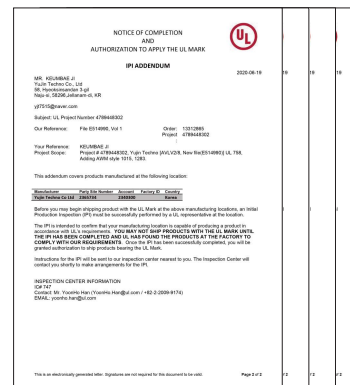
KTP Certificate



Naju City Star Company



VDE Certificate



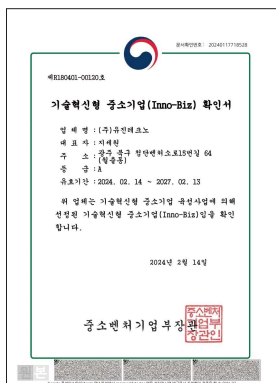
UL Certificate



Corporate Research Center Certificate



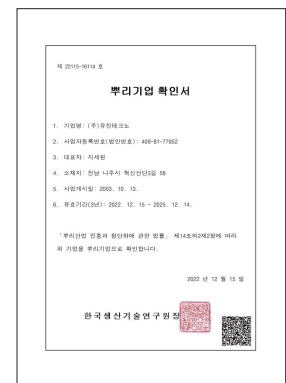
Certificate of Recognition for Small but Strong Company



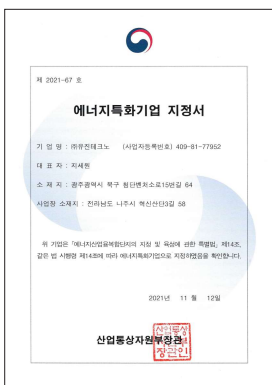
Inno-Biz Certificate



Patent Certificate



Certificate of Root Enterprise



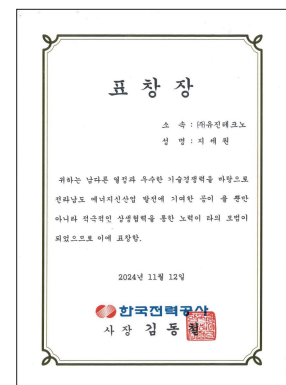
Certificate of Energy-Specialized Company



Commendation from the Minister of Trade, Industry and Energy



Commendation from the Governor of Jeollanam-do



Commendation from Korea Electric Power Corporation (KEPCO)

Wire & Cable

YUJIN TECHNO developed and manufactured various types of cables, including extra-high voltage cables, as the first in Gwangju and Jeollanam-do. Recognized for our technological expertise, we are now supplying these cables to Korea Electric Power Corporation (KEPCO).

ACSR/AW-OC

Aluminum Conductor Aluminum - Clad Steel Reinforced XLPE Insulated Wire



USE This insulated wire, designed for high-voltage and extra-high-voltage overhead power lines, incorporates a core made of aluminum-clad steel, ensuring superior durability. It is primarily used in overhead distribution lines.

ACCEPTED STANDARDS KEPCO Standards

Grade	Nominal Cross Section Area mm ²	Conductor			Min. Insulation Resistance MΩ·km	Insulation Thickness mm	Approx. Overall Diameter mm	Max. Conductor Resistance Ω/km	Test Voltage KV/1min	Conductor Tensile Load Kgf	Approx. Weight Kg/km	Standard Length m
		Al Number/Shape No.	Steel Number/Diameter of Wire No./mm	Outer Diameter mm								
6.6kV	32	6/SB	1/2.6	7.2	1500	2.0	11.2	0.877	12	1090	180	900
	58	6/SB	1/3.5	9.7	1500	2.5	14.7	0.484	12	1900	315	600
	95	6/SB	1/3.5	12.0	1000	2.5	17.0	0.302	12	2360	445	300
22.9kV	32	6/SB	1/2.6	7.2	2000	3.0	13.2	0.877	25	1090	210	600
	58	6/SB	1/3.5	9.7	1500	3.0	15.7	0.484	25	1900	330	600
	95	6/SB	1/3.5	12.0	1500	3.5	19.0	0.302	25	2360	530	600
	160	18/SB	1/3.2	15.4	1500	4.0	23.4	0.183	25	3080	730	600
	240	18/SB	1/4.0	18.9	1000	4.0	27.0	0.123	25	4500	1040	600

ACSR/AW-TR/OC

Tree Resistant XLPE Insulated Wire



USE ACSR/AW-TR/OC with a single core is used for extra-high tension aerial distribution lines and has strong durability. It is mainly used in coastal, industrial and mountainous areas.

ACCEPTED STANDARDS KEPCO Standards

Grade	Nominal Cross Section Area mm ²	Conductor			Min. Insulation Resistance MΩ·km	Insulation Thickness mm	Approx. Overall Diameter mm	Max. Conductor Resistance Ω/km	Test Voltage KV/1min	Conductor Tensile Load Kgf	Approx. Weight Kg/km	Standard Length m
		Al Number/Shape No.	Steel Number/Diameter of Wire No./mm	Outer Diameter mm								
22.9kV	58	6/SB	1/3.5	9.7	1500	1.2	15.7	0.484	25	1900	360	600
	95	6/SB	1/3.5	12.0	1500	1.5	19.0	0.302	25	2360	520	600
	160	18/SB	1/3.2	15.4	1500	1.7	23.4	0.183	25	3080	750	600
	240	18/SB	1/4.0	18.9	1000	1.7	27.0	0.123	25	4500	1040	600

FR CNCO-W

22.9kV XLPE Insulated, Concentric Neutral Wire Shielded, Low Smoke Zero Halogen^{HEPO} Sheathed, Water-proof Type Power Cable

USE It is used for three-phase four-wire power distribution lines of neutral, direct or multi-point grounding systems for industrial and commercial purposes. As it is excellent in blocking water penetration and is highly flame-retardant, it is best suited for power tunnels, common ducts, substation areas, buildings and so forth that need to be flame-retardant.



ACCEPTED STANDARDS KEPCO Standards

Conductor			Insulation Thickness mm	Sheath Thickness mm	Approx. Overall Diameter mm	Max. Conductor Resistance Ω/km	Min Insulation Resistance MΩ·km
Normal Cross Section Area mm ²	Shape	Outer Diameter mm					
38	Compact Circular Twisted Pair Cable	7.3	6.6	3.0	34	0.481	3500
60	Compact Circular Twisted Pair Cable	9.3	6.6	3.0	36	0.305	3000
100	Compact Circular Twisted Pair Cable	12.0	6.6	3.0	40	0.183	3000
150	Compact Circular Twisted Pair Cable	14.7	6.6	3.0	43	0.122	2500
200	Compact Circular Twisted Pair Cable	17.0	6.6	3.0	45	0.0915	2000
250	Compact Circular Twisted Pair Cable	19.0	6.6	3.0	48	0.0739	2000
325	Compact Circular Twisted Pair Cable	21.7	6.6	3.0	51	0.0568	2000
400	Compact Circular Twisted Pair Cable	24.1	6.6	3.0	54	0.0462	1500
500	Compact Circular Twisted Pair Cable	26.9	6.6	3.0	57	0.0369	1500
600	Compact Circular Twisted Pair Cable	29.5	6.6	4.0	61	0.0308	1500

FR CNCO-W/AL

22.9kV Concentric Neutral Type Water Tree Retardant XLPE Insulated Halogen free Polyolefin^{HEPO} Jacketed Water-proof Power Aluminum Cable

USE It is used for three-phase four-wire power distribution lines of neutral, direct or multi-point grounding systems for industrial and commercial purposes. As it is excellent in blocking water penetration and is highly flame-retardant, it is best suited for power tunnels, common ducts, substation areas, buildings and so forth that need to be flame-retardant.



ACCEPTED STANDARDS KEPCO Standards

Conductor			Insulation Thickness mm	Sheath Thickness mm	Approx. Overall Diameter mm	Max. Conductor Resistance Ω/km	Min Insulation Resistance MΩ·km
Normal Cross Section Area mm ²	Shape	Outer Diameter mm					
95	CC	11.4	6.8	2.2	37.6	0.320	3000
240	CC	18.3	6.8	3.0	48.4	0.125	2000
400	CC	23.2	6.8	3.0	53.5	0.0778	2000

TR CNCE-W

22.9kV Concentric Neutral Type Water Tree Retardant XLPE Insulated
Extruded-to-Fill Polyethylene Jacketed Water-proof Power Cable



USE It is used for three-phase four-wire power distribution lines of neutral, direct or multi-point grounding systems for industrial and commercial purposes. As it is excellent in blocking water penetration, it is best suited for areas that are easy to come into contact with water.

ACCEPTED STANDARDS KEPCO Standards

Conductor			Insulation Thickness mm	Sheath Thickness mm	Approx. Overall Diameter mm	Max. Conductor Resistance Ω/km	Min. Insulation Resistance $\text{M}\Omega \cdot \text{km}$	Insulation External Diameter mm
Nominal Cross Section Area mm^2	Shape	Outer Diameter mm						
60	Compact Circular Twisted Pair Cable	9.3	6.80	1.5	35	0.305	3000	22.34/24.63
200	Compact Circular Twisted Pair Cable	17.0	6.80	1.5	45	0.0915	2000	30.26/32.61
325	Compact Circular Twisted Pair Cable	21.7	6.80	2.4	53	0.0568	2000	35.16/37.56
600	Compact Circular Twisted Pair Cable	29.5	6.80	2.4	62	0.0308	1500	43.16/45.61

TR CNCE-W/AL

22.9kV Concentric Neutral Type Water Tree Retardant XLPE Insulated
Extruded-to-Fill Polyethylene Jacketed Water-proof Power Aluminum Cable



USE It is used for three-phase four-wire power distribution lines of neutral, direct or multi-point grounding systems for industrial and commercial purposes. It is excellent in blocking water penetration.

ACCEPTED STANDARDS KEPCO Standards

Conductor			Insulation Thickness mm	Sheath Thickness mm	Approx. Overall Diameter mm	Max. Conductor Resistance Ω/km	Min. Insulation Resistance $\text{M}\Omega \cdot \text{km}$	Insulation External Diameter mm
Nominal Cross Section Area mm^2	Shape	Outer Diameter mm						
95	Compact Circular Twisted Pair Cable	11.4	6.80	1.5	34.6	0.320	3000	26.24
240	Compact Circular Twisted Pair Cable	18.3	6.80	1.5	43.8	0.125	2000	33.92
400	Compact Circular Twisted Pair Cable	23.2	6.80	2.4	50.7	0.0778	2000	38.07

60245 KS IEC 57 (Rubber Wire)

300/500V Ordinary Polychloroprene or
Other Equivalent Synthetic Elastomer Sheathed Circular Cord

USE It is a flexible rubber cable with two to five cores to supply power to home appliances under AC 300/500V or portable electrical devices, maintaining its flexibility even at sub-zero temperatures. It is mainly used for households or offices.



ACCEPTED STANDARDS Korean Industrial Standards (KS)

Conductor Resistance No.	Conductor			Insulation Thickness mm	Sheath Thickness mm	Approx. Outer Diameter mm	Conductor Resistance		Insulation Resistance MΩ · km	Approx. Weight kg/km
	Nominal Cross Section Area mm ²	Max. Diameter of Wire mm	Outer Diameter mm				Unplated Ω/km	Plated Ω/km		
2	0.75	0.21	1.1	0.6	0.8	6.5	26.0	26.7	400	60
	1.0	0.21	1.3	0.6	0.9	7.0	19.5	20.0	400	70
	1.5	0.26	1.6	0.8	1.0	8.5	13.3	13.7	400	110
	2.5	0.26	2.1	0.9	1.1	10.0	7.98	8.21	400	150
3	0.75	0.21	1.1	0.6	0.9	7.0	26.0	26.7	400	70
	1.0	0.21	1.3	0.6	0.9	7.5	19.5	20.0	400	90
	1.5	0.26	1.6	0.8	1.0	9.0	13.3	13.7	400	130
	2.5	0.26	2.1	0.9	1.1	11.0	7.98	8.21	400	190
4	0.75	0.21	1.1	0.6	0.9	7.5	26.0	26.7	400	90
	1.0	0.21	1.3	0.6	1.0	8.0	19.5	20.0	400	110
	1.5	0.26	1.6	0.8	1.1	10.0	13.3	13.7	400	160
	2.5	0.26	2.1	0.9	1.2	12.0	7.98	8.21	400	230
5	0.75	0.21	1.1	0.6	1.0	9.0	26.0	26.7	400	120
	1.0	0.21	1.3	0.6	1.0	9.5	19.5	20.0	400	140
	1.5	0.26	1.6	0.8	1.1	11.5	13.3	13.7	400	200
	2.5	0.26	2.1	0.9	1.3	13.5	7.98	8.21	400	300

60245 KS IEC 66 (Rubber Wire)

450/750V Heavy Polychloroprene or
Other Equivalent Synthetic Elastomer Sheathed Flexible Cable

USE It is a very flexible as a power-supplying cable for the rated voltages of 450/750V. As it maintains its flexibility even at sub-zero temperatures, it is suited to be used for cold and frozen industrial environments, both indoors and outdoors.



ACCEPTED STANDARDS Korean Industrial Standards (KS)

Conductor Resistance No.	Conductor			Insulation Thickness mm	Sheath Thickness mm	Approx. Outer Diameter mm	Conductor Resistance		Approx. Weight kg/km
	Nominal Cross Section Area mm ²	Max. Diameter of Wire mm	Outer Diameter mm				Unplated Ω/km	Plated Ω/km	
2	1.0	0.21	1.3	0.8	1.3	8.5	19.5	20.0	100
	1.5	0.26	1.6	0.8	1.5	9.5	13.3	13.7	130
	2.5	0.26	2.1	0.9	1.7	11.5	7.98	8.21	180
3	1.0	0.21	1.3	0.8	1.4	9.5	19.5	20.0	120
	1.5	0.26	1.6	0.8	1.6	10.5	13.3	13.7	150
	2.5	0.26	2.1	0.9	1.8	12.5	7.98	8.21	220
4	1.0	0.21	1.3	0.8	1.5	10.5	19.5	20.0	150
	1.5	0.26	1.6	0.8	1.7	11.5	13.3	13.7	190
	2.5	0.26	2.1	0.9	1.9	13.5	7.98	8.21	270
5	1.0	0.21	1.3	0.8	1.6	12.0	19.5	20.0	200
	1.5	0.26	1.6	0.8	1.8	13.0	13.3	13.7	240
	2.5	0.26	2.1	0.9	2.0	15.0	7.98	8.21	350

KS C IEC 60502-1 (CV)

0.6/1kV XLPE Insulated Power Cable



USE It is used for the power circuit of 0.6/1kV. Being outstanding in terms of electrical, physical and chemical features, it is very widely distributed for everyday use including for houses, commercial facilities and plants.

ACCEPTED STANDARDS Korean Industrial Standards (KS)

※ Single Core

Nominal Cross Section Area mm ²	Number/ Diameter of Wire No./mm	Outer Diameter mm	Insulation Thickness mm	Sheath Thickness mm	Approx. Overall Diameter mm	Conductor Resistance Ω/km	Test Voltage KV/1min	Approx. Weight Kg/km	Standard Length m
1.5	7/0.53	1.59	0.7	1.4	6.3	12.1	3.5	60	300
2.5	7/0.67	2.01	0.7	1.4	6.7	7.41	3.5	75	300
4	7/0.85	2.55	0.7	1.4	7.2	4.61	3.5	95	300
6	7/1.04	3.12	0.7	1.4	7.8	3.08	3.5	115	300
10	7/1.35	4.05	0.7	1.4	9.4	1.83	3.5	160	300
16	C.C	4.7	0.7	1.4	10	1.15	3.5	220	300
25	C.C	5.9	0.9	1.4	12	0.727	3.5	320	300
35	C.C	6.9	0.9	1.4	13	0.524	3.5	420	300
50	C.C	8.1	1.0	1.4	14.5	0.387	3.5	565	300
70	C.C	9.8	1.1	1.4	16	0.268	3.5	750	300
95	C.C	11.4	1.1	1.5	18.5	0.193	3.5	1005	300
120	C.C	12.9	1.2	1.5	20	0.153	3.5	1260	300
150	C.C	14.4	1.4	1.6	22	0.124	3.5	1560	300
185	C.C	15.9	1.6	1.6	24	0.0991	3.5	1935	200
240	C.C	18.3	1.7	1.7	27	0.0754	3.5	2455	200
300	C.C	20.5	1.8	1.8	30	0.0601	3.5	3065	200
400	C.C	23.2	2.0	1.9	34	0.0470	3.5	3995	150
500	C.C	26.4	2.2	2.0	37	0.0366	3.5	4840	150
630	C.C	30.2	2.4	2.2	42	0.0283	3.5	6540	150

※ Double Core

Nominal Cross Section Area mm ²	Number/ Diameter of Wire No./mm	Outer Diameter mm	Insulation Thickness mm	Sheath Thickness mm	Approx. Overall Diameter mm	Conductor Resistance Ω/km	Test Voltage KV/1min	Approx. Weight Kg/km	Standard Length m
1.5	7/0.53	1.59	0.7	1.8	11	12.1	3.5	130	300
2.5	7/0.67	2.01	0.7	1.8	12	7.41	3.5	160	300
4	7/0.85	2.55	0.7	1.8	13	4.61	3.5	210	300
6	7/1.04	3.12	0.7	1.8	14	3.08	3.5	260	300
10	7/1.35	4.05	0.7	1.8	17	1.83	3.5	365	300
16	C.C	4.7	0.7	1.8	18.5	1.15	3.5	490	300
25	C.C	5.9	0.9	1.8	22	0.727	3.5	720	300
35	C.C	6.9	0.9	1.8	24	0.524	3.5	940	300
50	C.C	8.1	1.0	1.8	27	0.387	3.5	1255	300
70	C.C	9.8	1.1	1.8	31	0.268	3.5	1665	300
95	C.C	11.4	1.1	1.9	35	0.193	3.5	2220	300
120	C.C	12.9	1.2	2.0	38	0.153	3.5	2770	300
150	C.C	14.4	1.4	2.2	43	0.124	3.5	3440	300
185	C.C	15.9	1.6	2.3	47	0.0991	3.5	4275	200
240	C.C	18.3	1.7	2.5	53	0.0754	3.5	5450	200
300	C.C	20.5	1.8	2.6	58	0.0601	3.5	6800	200



※ Triple Core

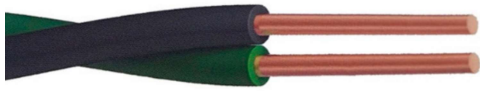
Nominal Cross Section Area mm ²	Number/ Diameter of Wire No./mm	Outer Diameter mm	Insulation Thickness mm	Sheath Thickness mm	Approx. Overall Diameter mm	Conductor Resistance Ω/km	Test Voltage KV/1min	Approx. Weight Kg/km	Standard Length m
1.5	7/0.53	1.59	0.7	1.8	11.5	12.1	3.5	155	300
2.5	7/0.67	2.01	0.7	1.8	12.5	7.41	3.5	190	300
4	7/0.85	2.55	0.7	1.8	13.5	4.61	3.5	255	300
6	7/1.04	3.12	0.7	1.8	14.5	3.08	3.5	330	300
10	7/1.35	4.05	0.7	1.8	18	1.83	3.5	470	300
16	C.C	4.7	0.7	1.8	19.5	1.15	3.5	650	300
25	C.C	5.9	0.9	1.8	23	0.727	3.5	970	300
35	C.C	6.9	0.9	1.8	25	0.524	3.5	1280	300
50	C.C	8.1	1.0	1.8	29	0.387	3.5	1725	300
70	C.C	9.8	1.1	1.9	33	0.268	3.5	2320	300
95	C.C	11.4	1.1	2.0	37	0.193	3.5	3105	300
120	C.C	12.9	1.2	2.2	41	0.153	3.5	3890	300
150	C.C	14.4	1.4	2.3	46	0.124	3.5	4835	300
185	C.C	15.9	1.6	2.5	50	0.0991	3.5	6030	200
240	C.C	18.3	1.7	2.6	57	0.0754	3.5	7670	200
300	C.C	20.5	1.8	2.7	62	0.0601	3.5	9575	200

※ Quadruple Core

Nominal Cross Section Area mm ²	Number/ Diameter of Wire No./mm	Outer Diameter mm	Insulation Thickness mm	Sheath Thickness mm	Approx. Overall Diameter mm	Conductor Resistance Ω/km	Test Voltage KV/1min	Approx. Weight Kg/km	Standard Length m
1.5	7/0.53	1.59	0.7	1.8	12.5	12.1	3.5	180	300
2.5	7/0.67	2.01	0.7	1.8	13.5	7.41	3.5	235	300
4	7/0.85	2.55	0.7	1.8	14.5	4.61	3.5	305	300
6	7/1.04	3.12	0.7	1.8	16	3.08	3.5	405	300
10	7/1.35	4.05	0.7	1.8	20	1.83	3.5	590	300
16	C.C	4.7	0.7	1.8	22	1.15	3.5	820	300
25	C.C	5.9	0.9	1.8	26	0.727	3.5	1245	300
35	C.C	6.9	0.9	1.8	28	0.524	3.5	1645	300
50	C.C	8.1	1.0	1.9	32	0.387	3.5	2240	300
70	C.C	9.8	1.1	2.0	36	0.268	3.5	3020	300
95	C.C	11.4	1.1	2.1	42	0.193	3.5	4060	300
120	C.C	12.9	1.2	2.3	46	0.153	3.5	5105	300
150	C.C	14.4	1.4	2.4	51	0.124	3.5	6345	300
185	C.C	15.9	1.6	2.6	56	0.0991	3.5	7930	200
240	C.C	18.3	1.7	2.8	63	0.0754	3.5	10060	200
300	C.C	20.5	1.8	3.0	70	0.0601	3.5	12600	200

KS C 3315 (DV)

PVC Insulated Drop Service Wire



USE It is mainly used for aerial service drop under AC 600V. As a PVC-clad insulated cable, it is very excellent in terms of weatherproof qualities and durability and can be safely used for a long time without fire or electric shock accidents.

ACCEPTED STANDARDS

KEPCO Standards, Korean Industrial Standards (KS)

※ Duplex(DV-2R) KS C : 3315

* KEPCO Standards

Conductor			Insulation Thickness	Approx. Overall Diameter	Conductor Resistance	Test Voltage V/1min		Insulation Resistance MΩ · km		Min. Tensile Load	Approx. Weight	Standard Length
Nominal Cross Section Area	Number/ Diameter of Wire	Outer Diameter				Between Conductors	Between Conductors and grounds (underwater)	20°C	60°C			
mm ²	No./mm	mm	mm	mm	Ω/km	(Aerial)	(underwater)			Kgf	kg/km	m
-	2.0	2.0	0.8	7.2	5.89	3000	1500	50	0.15	127	75	300
-	2.6	2.6	1.0	9.2	3.48	3000	1500	50	0.15	211	125	200
-	3.2	3.2	1.2	11.5	2.30	3000	1500	50	0.15	316	190	200
8	7/1.2	3.6	1.2	12.0	2.46	3000	1500	50	0.15	326	205	300
14	7/1.6	4.8	1.4	15.5	1.38	3000	2000	40	0.1	574	340	300
22	7/2.0	6.0	1.6	18.5	0.832	4000	2000	40	0.1	418	525	300
*30	7/2.3	6.9	1.6	21.0	0.623	4000	2000	40	0.1	570	680	300
38	7/2.6	7.8	1.8	23.0	0.492	4000	2500	40	0.1	722	860	300
*50	19/1.8	9.0	1.8	26.0	0.382	4000	2500	30	0.1	900	1100	300

※ Triplex (DV-3R)

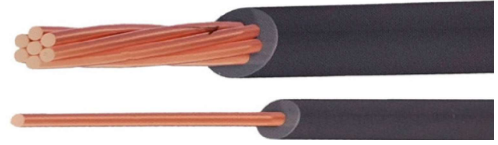
* KEPCO Standards

Conductor			Insulation Thickness	Approx. Overall Diameter	Conductor Resistance	Test Voltage V/1min		Insulation Resistance MΩ · km		Min. Tensile Load	Approx. Weight	Standard Length
Nominal Cross Section Area	Number/ Diameter of Wire	Outer Diameter				Between Conductors	Between Conductors and grounds (underwater)	20°C	60°C			
mm ²	No./mm	mm	mm	mm	Ω/km	(Aerial)	(underwater)			Kgf	kg/km	m
-	2.0	2.0	0.8	7.8	5.89	3000	1500	50	0.2	127	115	300
-	2.6	2.6	1.0	9.9	3.48	3000	1500	50	0.2	211	190	200
-	3.2	3.2	1.2	12.5	2.30	3000	1500	50	0.2	316	285	200
8	7/1.2	3.6	1.2	13.0	2.46	3000	1500	50	0.2	326	310	300
14	7/1.6	4.8	1.4	16.5	1.38	3000	2000	40	0.15	574	510	300
22	7/2.0	6.0	1.6	20.0	0.832	4000	2000	40	0.15	418	785	300
*30	7/2.3	6.9	1.6	22.0	0.623	4000	2000	40	0.15	570	1025	300
38	7/2.6	7.8	1.8	25.0	0.492	4000	2500	40	0.15	722	1290	300
*50	19/1.8	9.0	1.8	28.0	0.382	4000	2500	30	0.15	900	1650	300

60227 KS IEC 01 (IV) 450/750V Insulated Wire

USE It is used as a mounted wire for under the rated voltages of 450/750V. As it is outstanding in terms of weatherproof qualities and durability, it is widely distributed to be used for switch and consent wires.

ACCEPTED STANDARDS Korean Industrial Standards (KS)



Conductor			Insulation Thickness mm	Approx. Overall Diameter (Upper Value) mm	Max. Conductor Resistance Ω/km	Test Voltage V/5min	Min. Insulation Resistance MΩ·km	Approx Weight kg/km	Standard Length m
Nominal Cross Section Area mm ²	Number/ Diameter of Wire No./mm	Outer Diameter mm							
1.5	1/1.38	1.38	0.7	3.2	12.1	2500	0.011	20	300
	7/0.53	1.59	0.7	3.3	12.1	2500	0.010	25	300
2.5	1/1.78	1.78	0.8	3.9	7.41	2500	0.010	34	300
	7/0.67	2.01	0.8	4.0	7.41	2500	0.009	35	300
4	1/2.25	2.25	0.8	4.4	4.61	2500	0.0085	50	300
	7/0.85	2.55	0.8	4.6	4.61	2500	0.0077	55	300
6	1/2.76	2.76	0.8	5.0	3.08	2500	0.0070	70	300
	7/1.04	3.12	0.8	5.2	3.08	2500	0.0065	75	300
10	1/3.57	3.57	1.0	6.4	1.83	2500	0.0070	115	300
	7/1.35	4.05	1.0	6.7	1.83	2500	0.0065	120	300
16	Compact Circular Twisted Pair Cable	4.7	1.0	7.8	1.15	2500	0.0050	170	300
25	Compact Circular Twisted Pair Cable	5.9	1.2	9.7	0.727	2500	0.0050	270	300
35	Compact Circular Twisted Pair Cable	6.9	1.2	10.9	0.524	2500	0.0043	370	300
50	Compact Circular Twisted Pair Cable	8.5	1.4	12.8	0.387	2500	0.0043	510	300
70	Compact Circular Twisted Pair Cable	9.8	1.4	14.6	0.268	2500	0.0035	685	300
95	Compact Circular Twisted Pair Cable	11.5	1.6	17.1	0.193	2500	0.0035	935	300
120	Compact Circular Twisted Pair Cable	12.9	1.6	18.8	0.153	2500	0.0032	1170	300
150	Compact Circular Twisted Pair Cable	14.4	1.8	20.9	0.124	2500	0.0032	1450	300
185	Compact Circular Twisted Pair Cable	15.9	2.0	23.3	0.0991	2500	0.0032	1820	300
240	Compact Circular Twisted Pair Cable	18.3	2.2	26.6	0.0754	2500	0.0032	2305	200
300	Compact Circular Twisted Pair Cable	20.5	2.4	29.6	0.0601	2500	0.0030	2925	200
400	Compact Circular Twisted Pair Cable	23.2	2.6	33.2	0.0470	2500	0.0028	3820	200

60227 KS IEC 07 (HIV) 300/500V Heat-Resistant PVC Insulated Wire

USE It is a PVC cable mainly used for wiring general electrical structures or devices under 300/500V. As a PVC-clad insulated cable added with heat-resistant plasticizer, it is mainly used to connect sensors or light fixtures.

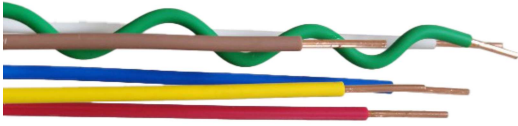
ACCEPTED STANDARDS Korean Industrial Standards (KS)



Conductor		Insulation Thickness mm	Av. Overall Diameter		Max. Conductor Resistance Ω/km	Min. Insulation Resistance MΩ·km	Test Voltage V/min	Approx. Weight kg/km
Nominal Cross Section Area mm ²	Grade		Lower Value mm	Upper Value mm				
1.5	1	0.7	2.6	3.2	12.1	0.011	2.0	20
2.5	1	0.8	3.2	3.9	7.41	0.009	2.0	32

KS C 3341 (HFIX)

450/750V Halogen Free Flame Retardant Polyolefin Insulated Wire



USE It is used as an indoor mounted wire for under the rated voltages of 450/750V. It is a halogen-free flame-retardant Poly-Olefin-Sheathed insulated cable used for wiring general electrical structures or devices.

ACCEPTED STANDARDS Korean Industrial Standards (KS)

Nominal Cross Section Area mm ²	Conductor Grade mm	Insulation Thickness mm	Approx. Overall Diameter		Conductor Resistance Ω/km	Test Voltage kV/5min
			Lower Value mm	Upper Value mm		
1.5	1	0.7	2.6	3.3	12.1	2.5
	2	0.7	2.7	3.4	12.1	2.5
2.5	1	0.8	3.2	4.0	7.41	2.5
	2	0.8	3.3	4.1	7.41	2.5
4	1	0.8	3.6	4.6	4.61	2.5
	2	0.8	3.8	4.7	4.61	2.5
6	1	0.8	4.1	5.2	3.08	2.5
	2	0.8	4.3	5.4	3.08	2.5
10	1	1.0	5.3	6.6	1.83	2.5
	2	1.0	5.6	7.0	1.83	2.5
16	2	1.0	6.4	8.0	1.15	2.5
25	2	1.2	8.1	10.1	0.727	2.5
35	2	1.2	9.0	11.3	0.524	2.5
50	2	1.4	10.6	13.2	0.387	2.5
70	2	1.4	12.1	15.1	0.268	2.5
95	2	1.6	14.1	17.6	0.193	2.5
120	2	1.6	15.6	19.4	0.153	2.5
150	2	1.8	17.3	21.6	0.124	2.5
185	2	2.0	19.3	24.1	0.0991	2.5
240	2	2.2	22.0	27.5	0.0754	2.5
300	2	2.4	24.5	30.6	0.0601	2.5

Sol - P.D.C

22.9kV Drop Wire for Pole Transformer

USE It is mainly used to connect to the 1st line of pole transformer of high and extra-high tension aerial wire ways.

ACCEPTED STANDARDS KEPCO Standards



Conductor			Insulation Thickness	Sheath Thickness	Approx. Overall Diameter	Max. Conductor Resistance	Test Voltage	Min. Insulation Resistance	Standard Length
Nominal Cross Section Area	Number/Diameter of Wire	Outer Diameter							
mm ²	No./mm	mm	mm	mm	mm	Ω/km	V/min	MΩ·km	m
-	2.0	2.0	3.0	-	8.0	5.65	12000	2500	300
-	2.6	2.6	3.0	-	8.6	3.35	12000	2500	300
-	3.2	3.2	3.0	-	9.2	2.21	12000	2500	300
-	5.0	5.0	4.0	-	13.0	0.905	25000	4000	300
5.5	7/0.2	3.0	3.0	-	9.0	3.33	12000	4000	300
8	7/1.2	3.6	3.0	-	9.6	2.31	12000	2500	300
14	7/1.6	4.8	3.0	-	11.0	1.30	12000	2500	300
22	7/2.0	6.0	3.0	-	12.0	0.824	12000	2500	300
30	7/2.3	6.9	3.0	-	13.0	0.623	12000	2500	300

UL Style No. 1007

PVC Insulated Wire



USE It is used for wiring internal electrical and electronic devices.

ACCEPTED STANDARDS Korean Industrial Standards (KS)

Conductor			Insulation		Min. Conductor Resistance Ω/km	Min. Insulation Resistance $\text{M}\Omega \cdot \text{km}$	Withstand V/min	Length m
Size	Composition $\text{No.}/\text{mm}$	Outer Diameter mm	Thickness mm	Outer Diameter mm				
30	7/0.102	0.31	0.42	1.14	381.0	10	2000	2000(610)
28	7/0.127	0.38	0.42	1.21	239.0	10	2000	2000(610)
26	7/1.160	0.48	0.42	1.32	150.0	10	2000	2000(610)
24	11/0.160	0.61	0.42	1.45	94.2	10	2000	2000(610)
22	17/0.160	0.76	0.42	1.60	59.4	10	2000	2000(610)
20	26/0.160	0.95	0.42	1.78	36.7	10	2000	2000(610)
18	41/0.160	1.17	0.42	2.04	23.2	10	2000	2000(610)
16	26/0.254	1.49	0.42	2.38	14.6	10	2000	2000(610)

UL Style No. 1015

PVC Insulated Wire



USE It is used for wiring internal electrical and electronic devices.

ACCEPTED STANDARDS Korean Industrial Standards (KS)

Conductor			Insulation		Min. Conductor Resistance Ω/km	Min. Insulation Resistance $\text{M}\Omega \cdot \text{km}$	Withstand V/min	Length m
Size	Composition $\text{No.}/\text{mm}$	Outer Diameter mm	Thickness mm	Outer Diameter mm				
26	7/0.160	0.48	0.83	2.11	150.00	15	2000	2000(610)
24	11/0.160	0.61	0.83	2.33	94.20	15	2000	2000(610)
22	17/0.160	0.76	0.83	2.40	59.40	15	2000	2000(610)
20	26/0.160	0.95	0.83	2.60	36.70	15	2000	2000(610)
18	41/0.160	1.17	0.83	2.80	23.20	15	2000	2000(610)
16	26/0.254	1.49	0.83	3.13	14.60	15	2000	2000(610)
14	41/0.254	1.88	0.83	3.52	8.96	15	2000	2000(610)
12	65/0.254	2.36	0.83	4.10	5.64	15	2000	2000(610)
10	66/0.320	3.00	0.83	4.94	3.55	15	2000	2000(610)

Air Conditioner Installation Material

It manufactures necessary parts for installing air conditioners and pack and ship necessary materials for installation.

Insulation



USE It is used to reduce the heat loss of an air conditioner and plays a role in protecting the copper tube from external impact.

No	Internal Diameter (Ø)	Thickness (T)	Length (M)
Cooling Only	12	7	4
	16	7	4
	20	7	4
	22	7	4
	30	7	4
	36	7	4
Heat Pump	12	8	4
	14	8	4
	16	8	4
	20	8	4
	27	8	4
	14	8	5
	16	8	5
	20	8	5
	22	8	5
	22	8	5

Aluminum Copper Pipe, Copper Pipe



USE A Cu Tube and an Al+Cu Tube work as a passage for refrigerant between the indoor and outdoor units of an air conditioner. An aluminum and copper tube is flexible enough to be easily installed.

No	Internal Diameter (Ø)	Thickness (T)	Length (M)
1	6.35	1.0	5(AL+CU)
2	9.52	1.0	5(AL+CU)
3	12.7	1.2	5(AL+CU)
4	15.88	1.5	5(AL+CU)
5	6.35	1.0	8(AL+CU)
6	9.52	1.0	8(AL+CU)
7	12.7	1.2	8(AL+CU)
8	15.88	1.5	8(AL+CU)

Aluminum Tube



USE As an aluminum tube used when assembling and manufacturing a number of home appliances, it is used for air conditioners and other devices and can be processed for other purposes as well.

Processed Rubber Wire



USE As a rubber wire used for air conditioner installation, it has obtained KC certification and is directly manufactured and processed by the Cable Business Division.

Wall Cap



USE It is used to seal the pipe hole when installing an air conditioner and is more convenient and easier than using silicone.

Bracket



USE It is used to affix the air conditioner to the wall to prevent tilting, shaking, and other safety accidents.

Mount Base



USE It is used to adjust the height of the outdoor unit and to prevent noise and vibrations. It also helps prevent fire hazards caused by factors like the electric phenomenon of fine dust.

Finishing Tape



USE It is used after the installation of air conditioner pipes. It has good elasticity and is not easily torn. It is available in sizes ranging from 14 ~ 45 meters.



Certified Company

With Unrivaed
Technology, skills
and Experience



YUJIN
TECHNO

Reliable Company

Actively identifying
customer needs to
enhance satisfaction

Creative Company

Continues to
pursue R&D with
ceaseless passion

We are committed to providing the best service
by continuously enhancing quality and
service through ongoing R&D.



YUJIN
TECHNO

www.yujintechno.com

Contact E-MAIL

yjt7515@naver.com

Gwangju Factory

64, Cheomdan venture so-ro 15beon-gil, Buk-gu, Gwangju, Rep. of Korea
TEL 062-972-9891 FAX 062-971-9893

Naju Factory

58, Hyeoksinsandan 3-gil, Naju-si, Jeollanam-do, Rep. of Korea
TEL 061-331-9891 FAX 061-331-9893

China Factory

No. 15, Road 4, Xiaozhan Development Zone,
Jinnan District, Tianjin City.

Thailand Factory

7/5 Moo 4Khao Mai Kaew Bang
Lamung Chonburi 20150