



GAON | CABLE

Korea's first power cable manufacturer in 1947.

LOW VOLTAGE CABLE

Products used for commercial electrical wiring in buildings, facilities, and industrial plants. They are key components of electrical and communication systems, including power supply and control.



Building Wire



600V THHN, THWN-2

PVC+NYLON

- Conductor : Single conductor copper stranded available in sizes from 14 ~ 1000 kcmil
- Opt : -40°C, Sun Res, OIL I-II, CT (1/0AWG and Larger) FT4 (1/0AWG and Larger)



600V XHHW, XHHW-2

XLPE

- Conductor : Single conductor copper stranded available in sizes from 14 ~ 1000 kcmil
- Opt : -40°C, OIL I-II, VW-1, CT (1/0AWG and Larger) FT4 (1/0AWG and Larger)

Tray Cable



600V TC-ER-THWN-2

PVC+NYLON / PVC

- Conductor : (Power) 3 or 4 conductor copper stranded (Control) 2 ~ 37 conductor copper stranded available in sizes from 14 ~ 1000 kcmil
- Opt : SR (Black), OIL I-II, FT4/IEEE1202, DIR BUR



600V TC-ER-XHHW-2

XLPE / PVC

- Conductor : (Power) 3 or 4 conductor copper stranded (Control) 2 ~ 37 conductor copper stranded available in sizes from 14 ~ 1000 kcmil
- Opt : -40°C, Sun Res, OIL I-II, FT4/IEEE1202 DIR BUR

MC Cable



600V THWN-2/AIA

PVC+NYLON / AIA

- Conductor : 3 or 4 conductor copper stranded available in sizes from 14 ~ 1000 kcmil
- Opt : PVC Jacket, Sun Res, OIL I-II, FT4/IEEE1202, DIR BUR



600V XHHW-2/AIA

XLPE / AIA

- Conductor : 3 or 4 conductor copper stranded available in sizes from 18 ~ 1000 kcmil
- Opt : PVC Jacket, -40°C, Sun Res, OIL I-II FT4/IEEE1202, DIR BUR

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MEDIUM VOLTAGE CABLE

Products designed for transmitting medium voltage power in power plants, substations, and industrial plants. They offer high reliability and are critical components of distribution power networks, supplying electricity to urban infrastructure and industrial areas.



Primary UD Cable



5-35KV TR-XLPE/CN/LLDPE 5-35KV TR-XLPE/CN/XLPE

TR-XLPE (100%/133%) / CN / LLDPE or XLPE

- Conductor : Single Cu or Al conductor stranded available in sizes from 2 ~ 1500 kcmil
- Opt : Sun Res



5-35KV EPR/CN/LLDPE 5-35KV EPR/CN/XLPE

EPR (100%/133%) / CN / LLDPE or XLPE

- Conductor : Single Cu or Al conductor stranded available in sizes from 2 ~ 1500 kcmil
- Opt : Sun Res

Industrial Cable



5-35KV TR-XLPE/CTS/PVC

TR-XLPE (100%/133%)
/ Copper Tape Shield / PVC

- Conductor : 3 or 4 conductor copper stranded available in sizes from 2 ~ 750 kcmil
- Opt : Sun Res, OIL I-II, CT rated
UL 1685 Flame Vertical-Tray Test (Method 1)



5-35KV EPR/CTS/PVC

EPR (100%/133%)
/ Copper Tape Shield / PVC

- Conductor : 3 or 4 conductor copper stranded available in sizes from 2 ~ 750 kcmil
- Opt : Sun Res, OIL I-II, CT rated
UL 1685 Flame Vertical-Tray Test (Method 1)

MV-MC Cable



5-35KV TR-XLPE/CTS/AIA/PVC

TR-XLPE (100%/133%) / PVC / AIA / PVC

- Conductor : 3 or 4 conductor copper stranded available in sizes from 2 ~ 750 kcmil
- Opt : Sun Res, OIL I-II



5-35KV EPR/CTS/AIA/PVC

EPR (100%/133%) / PVC / AIA / PVC

- Conductor : 3 or 4 conductor copper stranded available in sizes from 2 ~ 750 kcmil
- Opt : Sun Res, OIL I-II

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HIGH VOLTAGE CABLE

Products used for underground transmission of high voltage power in power plants, substations, and industrial facilities.

EHV Cables are essential components to build a power grid or a large industrial complexes.

69kV UG Cable



69kV XLPE/CWS/PE

XLPE / CWS / Laminate Sheath / PE`

- Conductor : Compact or Segment Stranded available in sizes up to 1600mm²



69kV XLPE/Al Corrugated/PE

XLPE / Al Corrugated / PE

- Conductor : Compact or Segment Stranded available in sizes up to 1600mm²

138kV UG Cable



138kV XLPE/CWS/PE

XLPE / CWS / Laminate Sheath / PE

- Conductor : Compact or Segment Stranded available in sizes up to 1600mm²



138kV XLPE/Al Corrugated/PE

XLPE / Al Corrugated / PE

- Conductor : Compact or Segment Stranded available in sizes up to 1600mm²

230kV UG Cable



230kV XLPE/CWS/PE

XLPE / CWS / Laminate Sheath / PE

- Conductor : Compact or Segment Stranded available in sizes up to 1000mm²



230kV XLPE/Al Corrugated/PE

XLPE / Al Corrugated / PE

- Conductor : Compact Stranded available in sizes up to 800mm²

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SINGLE-CONDUCTOR POWER CABLE TO 2KV



600V THWN-2
Cu/PVC/Nylon

- 14-1500kcmil
- -25°C~90°C
- Flame Retardant
- ICEA S-95-658, UL 83



600V XHHW-2
Cu/XLPE

- 14-1500kcmil
- -40°C~90°C
- Flame Retardant
- Sunlight Resistant
- ICEA S-95-658, UL 44



2KV DLO
Cu/EPDM/CPE

- 6-1111.1kcmil
- -40°C~90°C
- Flame Retardant
- Sunlight Resistant
- UL 44, 2806



2KV PV(DC)
Cu/XLPE

- 14-1500kcmil
- -40°C~90°C
- Flame Retardant
- Sunlight Resistant
- UL 4703



MULTI-CONDUCTOR POWER AND CONTROL CABLE TO 1KV



600V TC-ER POWER
Cu/XLPE(PVC/Nylon)/PVC

- 14-750kcmil
- -40°C~90°C
- Flame Retardant
- Sunlight Resistant
- ICEA S-95-658, UL 1277



600V TC-ER CONTROL
Cu/XLPE(PVC/Nylon)/PVC

- 14-10AWG
- -40°C~90°C
- Flame Retardant
- Sunlight Resistant
- ICEA S-95-658, UL 1277



600V TC-ER SIGNAL
Cu/PVC/Nylon/Shield/PVC

- 18-16AWG
- -25°C~90°C
- Flame Retardant
- Sunlight Resistant
- ICEA S-95-658, UL 1277



MEDIUM VOLTAGE POWER CABLE 5KV TO 35KV



15-35KV URD
Cu(Al)/TR-XLPE(EPR)
/XLPE(LLDPE)

- 1/0-1500kcmil
- -35°C~105°C
- Sunlight Resistant
- ICEA S-94-649, UL 1072
- AEIC CS8



5-35KV MV-105
Cu(Al)/TR-XLPE(EPR)/PVC

- 1/0-1500kcmil
- -40°C~105°C
- Flame Retardant
- Sunlight Resistant
- ICEA S-93-639, UL 1072
- AEIC CS8



HIGH VOLTAGE POWER CABLE 66KV TO 220KV



66-220KV CE WS-W
Cu(Al)/XLPE/CWS/LS/PE

- -25°C~90°C
- IEC 60840



66-220KV CAE-W
Cu(Al)/XLPE/CA/PE

- -25°C~90°C
- IEC 60840



METAL-CLAD CABLE



600V MC
Cu/XLPE(PVC/Nylon)
/AIA/(PVC)

- 14-750kcmil
- -40°C~90°C
- Flame Retardant
- Sunlight Resistant
- UL 1569



5-35KV HVTECK
Cu(Al)/TR-XLPE/CTS(CWS)
/PVC/AIA/PVC

- 1/0-1500kcmil
- -40°C~105°C
- Flame Retardant
- Sunlight Resistant
- UL 1072, C68.10
- C22.2 No.174
- AEIC CS8

