Business Scope

ILJIN Cable designs and produces all kind of power cable from low voltage to extra high voltage. Particularly, ILJIN Cable provides best cables that ensure stable power transmission to support the bases of society and industries.
Offers the latest total solution, with production of electricity wires of various needs....

ILJIN Cable, a leading Korean Power Cable company, as a result of its consistent investment and technology development, has up-to-date and fully automated facilities. ILJIN Cable has accomplished a turn-key based product line from product & system design to cable installation & jointing, along with mutual cooperation in technology. Already ILJIN Cable has exported extra high voltage cables for underground transmission lines and gets the good recognition for their quality and safety. ILJIN Cable has tied up in technology with world-class manufacturers in the cable industry, which also enables us to implement guaranteed quality assurance program.
High Voltage Power Cable

**154kV**  XLPE Insulated and Corrugated CU(or AL) Sheathed Power Cable

**115kV**  XLPE Insulated CU wire shield with AL laminated foil Power Cable

**66kV**  XLPE Insulated Corrugated CU Sheathed Power Cable

**345kV**  XLPE Insulated Corrugated CU(or AL) Sheathed Power Cable

**220kV**  XLPE Insulated Corrugated AL Sheathed Power Cable

**132kV**  XLPE Insulated CU wire shielded with AL laminated Power Cable

**Remark**
- Rated Voltage Range: 66kV~400kV
- Conductor Size: 200SQ~2000SQ
- Type of Metal Shield(or Sheath)
  - CU wire Shield with AL laminated foil
  - Corrugated CU Sheath
  - Corrugated AL Sheath
  - Corrugated Stainless Steel Sheath
Medium Voltage Power Cable

22.9kV XLPE Insulated Neutral Conductor Power Cable (CN/CV)
12 / 22kV XLPE Insulated Neutral Conductor and Flame Retardant Jacket Power Cable
22.9kV XLPE Insulated Power Cable for GIS

11kV 24kV 33kV
XLPE Insulated Power Cable
(Steel Wire Armoured or Steel Tape Armoured)

Medium Voltage ABC-W Cable
50SQ~300SQ (1 core~3 core)

Low Voltage ABC-W Cable
4 core

Remark
- Rated Voltage Range: 0.3kV~36kV
- Conductor Size: Up to 2000 SQMM
- Conductor Type: Circular, Compacted, Sector, Shaped or Milliken
- Armouring: Steel Wire, Al Wire or Double Steel Tape
Low Voltage Power Cable

600/1,000V  PVC or XLPE Insulated Sector Shaped Power Cable (Steel Wire Armoured)

600/1,000V  PVC Insulated Wire (IV, HIV, DV, OW)

600/1,000V  PVC or XLPE Insulated Power Cable

600/1,000V  XLPE Insulated Power Cable

600V        PVC Insulated Control Cable

Remark  
• Conductor Type: Circular, Compacted, Sector, Shaped or Milliken
• Armouring: Steel Wire, Al Wire or Double Steel Tape
Copper Stranded Bare Conductor Wire

Aluminum Clad Steel Wire Reinforced Aluminum Conductor Wire
- ACSR
- ACSR/AW
- STACIR(210°C)

Power or Control Cables for Nuclear Power Plant

Trolley Wire
- (Type: Round or Rectangular)

Other Special Cables
- Halogen-free Flame Retardant Power Cable
- EPR Insulated Rubber Sheathed Cable
ILJIN Cable is operating a technology laboratory within its industrial complex located in Suwon for satisfaction on customers’ different needs and the development of power cable. ILJIN Cable has excellent and professional researchers and is furnished with the latest equipment. Also, ILJIN Cable is carrying out projects jointly with other leading domestic laboratories and maximizing technology support for its customers at home and abroad through diversified research activities such as development of new products and elevation of reliance and productivity. Especially, the laboratory of ILJIN Cable is on their way to the development of extra high voltage underground and connection materials. ILJIN Cable is developing many advanced technologies and combining them to pursues the possibilities of totally new technologies.

Cable Termination for HV Cable

Spacer for 170kV & 362kV GIS

Insight for the future
Adjustable thoughts that maintain the present