

# COVERED CONDUCTORS UP TO 33 KV



STANDARDS: IS, IEC, EN(BS EN), ASTM,  
AS, NFC, VDE, CAN-CSA, DIN, IEEE, SS,  
ANSI Standards with CE marking

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An ISO 9001 : 2008 , ISO 14001 & OHSAS 18001 CERTIFIED

## Covered Conductors

Covered Conductors are longitudinally water tight and covered with special grades of polymers that provide insulation and ultraviolet protection. These conductors provide safety against accidental contact with grounded objects, wild animals, etc.

### Description

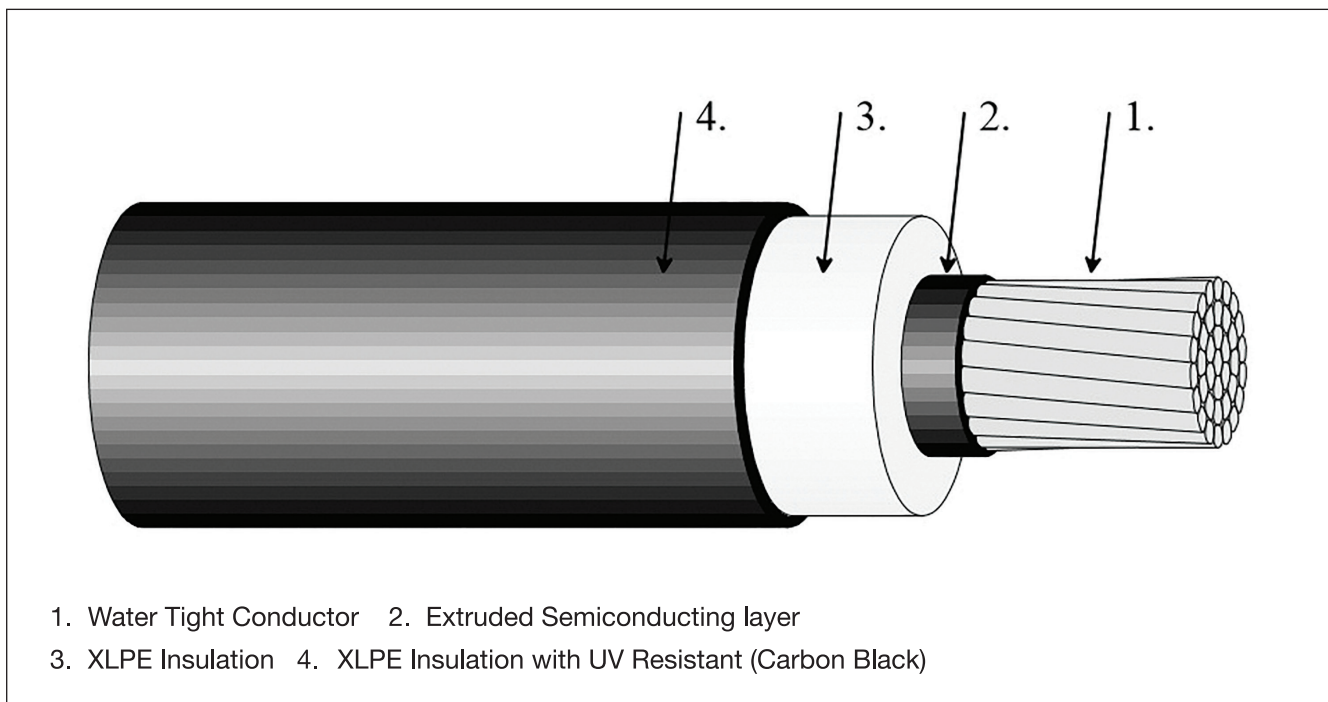
Covered Conductors are gaining popularity among utilities especially for LV and MV networks. Covered Conductors have been designed and tested in line with Reduce faults caused by tree contacts and enhance the reliability.

- Reduce accidental death of animals.
- Upgrade the voltage/current without changing the phase core's position and separation.
- Prevent bush fires.
- Improve life cycle, thus reduce cost compared to a bare conductor.
- Reduce maintenance cost and trimming of trees time to time.
- Lesser clearance between phases, can neutralize the problem of direct contact between phases.
- Less risk of pilferage or sabotage.
- Eco-friendly.

### Benefits of MVCC (Medim Voltage Covered Conductor)

- Immune to interruptions from contact of tree branches.
- No faults with short duration touching of phase conductors during wind storm, thus reduce cost and hassles of auto recloser.
- Lesser phase to phase separation reduces the tower costs which is an ideal and a safer solution for installations for rivers, lakes, railways, road crossings, and in populated areas.
- Can protect big birds like peacocks, flamingos, etc. Ideal for installations in forest areas and bird sanctuaries.
- Covered conductors are a cheaper alternative to underground and ABC cables, especially in rough and difficult terrains.

Covered conductors are the best economical solutions wherever the safety of human and wildlife is being challenged without compromising safety and security. It provides maintenance free overhead line.



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