

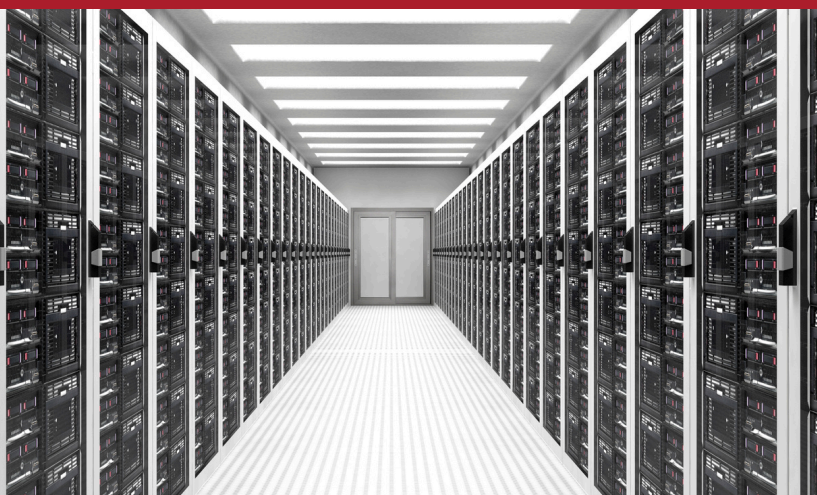
CLASSIC
WIRE & CABLE

PowerGuard®

PowerGuard® Medium Voltage EPR Cables are engineered to deliver consistent and reliable performance across critical electrical infrastructure ranging from 5 kV to 35 kV. Engineered for use in industrial facilities and data centers, these cables deliver long-term durability, reliable electrical performance, and enhanced operational safety.



PowerGuard® Copper Medium Voltage EPR Cable

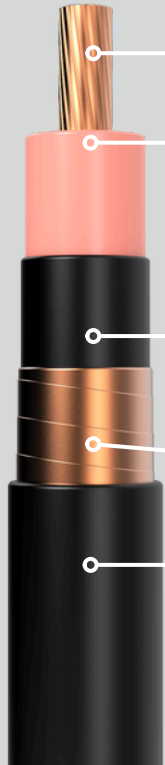


Copper Tape Shield

Copper tape shield (CTS) construction features one or more helical copper tape layers over the insulation shield, ensuring a uniform electric field, managing voltage stress, and providing a ground path for fault currents. Suitable to be installed in ducts, direct burial, or in sunlight exposure. Sizes 1/0 AWG and larger are approved for use in cable tray, marked "FOR CT USE".

Count on Classic for Copper MV EPR Cable

CABLE CONSTRUCTION



Conductor

Compact concentric stranded copper.

Conductor Shield

Extruded thermosetting semiconducting cross-linked polyethylene (XLPE) shield which is free stripping from the conductor and bonded to the insulation.

Insulation

Extruded, Ethylene Propylene Rubber (EPR) - 100% or 133% insulation level.

Insulation Shield

Extruded thermosetting semiconducting cross-linked polyethylene (XLPE) shield with controlled adhesion to the insulation providing the required balance between electrical integrity and ease of stripping.

Metallic Shield

Flat, uncoated 5 mil thick copper tape helically applied with a minimum 25% overlap.

Outer Jacket

A polyvinyl chloride (PVC) jacket is extruded over the copper tape shield. The jacket shall be free-stripping and not interfere with the contact between the flat copper tape and the underlying extruded insulation shield. The jacket is sunlight resistant and marked. The jacket shall contain a print legend marking, and sequential length (meter or feet) marking.

WHY POWERGUARD®?

Engineered for Performance

Built for durability and reliability, our UL Listed PowerGuard® cables meet the highest standards for medium voltage applications, ensuring long-lasting performance.

Consistent Stock Availability

Our commitment to maintaining inventory in our Texas facility means PowerGuard® cables are always ready when you need them. Available from 5 kV to 35 kV, our products ship in days - not weeks!

Reduce Costs for Your Projects

Avoid costly expedited shipping or rush orders with PowerGuard®'s steady inventory and predictable delivery.



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