

Medium Voltage

ATPC Medium Voltage Cables

Our Type MV cables are designed to meet UL Standard 1072 and are available in single-conductor medium voltage options ranging from 5kV to 35kV. The standard construction consists of a copper conductor, TR-XLPE insulation with 100% or 133% Insulation Levels, copper tape or 1/3 copper concentric neutral shield, and a PVC jacket. Available options include aluminum conductors or EPR insulation. Please consult with an ATPC Sales Representative to learn more.



Ratings



5kV up to 35kV

100% and 133% Insulation Level

Type MV-90 & MV-105

Cold Temperature Rating -40°C

Performance Characteristics

✓ Sunlight Resistant ✓ Oil Resistant I ✓ For use in Direct Burial applications when installed in accordance with NEC Article 315.36

Engineered to Resist



Abrasion



Impact



Cold Temperature

Features & Benefits

Soft Drawn Compressed Copper

Class B per ASTM B3 & ASTM B8

Copper Shield

Semi-conductive layer

TR-XLPE

100% or 133% Insulation Level with semi-conductor insulation shield

Insulation Shield

Copper tape or 1/3 Concentric Neutral

PVC Jacket

Offers first-line defense against tearing, abrasion, impact, oil and most chemicals

