

Standards:

Underwriters Laboratories Standards UL-4703, UL-854

UL 1685-FT4/IEEE 1202 ICEA T-29-520 NEMA WC70/ICEA S-95-658

NFPA 70: National Electrical Code (NEC) ARRA 2009; Section 1605 Buy American Compliant

Construction:

Conductors:

Stranded conductors, uncoated copper per ASTM-B787 and ASTM-B8

Insulation:

Cross-linked polyethylene (XLPE) insulation per UL-854

Applications:

Type Photovoltaic copper conductors are suitable for outdoor rooftop applications without conduit and for use in conduits and raceways installed underground in conduit in wet locations, and where condensation and moisture accumulations within the conduit do not exceed 90C. Applications requiring direct burial is permitted for Type Photovoltaic per UL-854. Applications requiring type Photovoltaic conductor, temperatures shall not exceed 90C in wet or dry locations.

Features:

Available in 600V and 1000V/2000V. All cables comply with UL's VW-1 (Vertical Wire) Flame Test. Insulation compounds are rated for flame and sunlight-resistance in all sizes and colors.