

EPR/CN/XLPE, Type Primary UD (Unfilled)

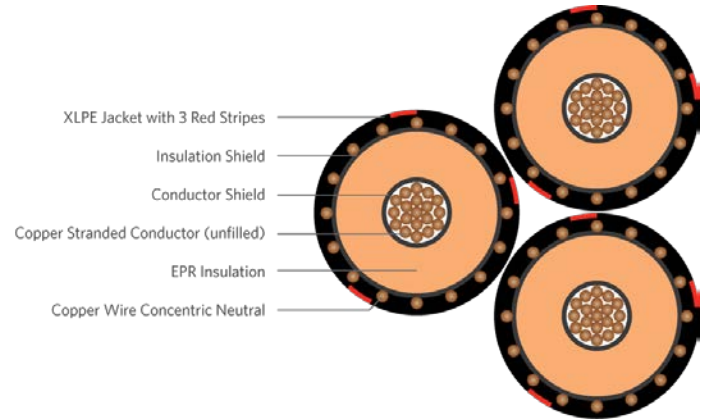
Part Number: E9HYT-B21T03CA00

DESCRIPTION

The Medium Voltage Primary Underground Distribution (UD) cables consists of three Copper compact strand unfilled conductors, covered with Ethylene Propylene Rubber (EPR), a concentric neutral of helically applied copper wires, and a sunlight resistant cross-linked polyethylene (XLPE) jacket with 3 extruded red stripes.

APPLICATION

- Suitable for underground primary power applications
- For wet or dry locations
- For direct burial or in duct
- Excellent resistance to treeing
- Jacket is sunlight-resistance
- Designed to operate
 - » 105°C for normal operations
 - » 140°C for emergency overload
 - » 250°C for short circuit



SPECIFICATIONS

Conductor	Bare copper class B strand compact (unfilled)	Packaging	Non-returnable reels
Conductor Strand Shield	Extruded thermoset Semi-conducting polymer		ASTM B-3
Insulation	Ethylene Propylene Rubber (EPR)		ASTM B-230
Neutral	Solid copper wires	Performance Compliance	ASTM B-231
Jacket	Cross-Linked Polyethylene (XLPE)		ICEA S-94-649
			AEIC CS8
			UL 1072 (MV-105)
			RUS U1

3C 750kcmil 61-wires Copper CPT (unfilled), 15kV 100% 175mils EPR, (24-wires copper x 12AWG) 1/3 reduced concentric neutral, XLPE jacket

PART NUMBER AND PHYSICAL CHARACTERISTICS							
Part Number	Conductor Size (AWG/kcmil)	Conductor Diameter (in.)	Copper Concentric Neutral	Insulation Diameter (in.)	Jacket Thickness (in.)	OD (in.)	Net Weight (lbs./MFT)
E9HYT-B21T03CA00	750	0.908	24 x 12AWG (1/3RCN)	1.310	0.080	3.711	10,422

The dimensions and weights shown are nominal and subject to industry standards.