

Medium Voltage Heat-Shrink Terminations



HVT-50 1/C and 3/C Non-Shielded Power Cable (5 kV)

HVT-50 non-shielded polymeric terminations are designed to withstand rigorous service conditions. The nontracking, heat-shrinkable insulation is simple to install and provides excellent UV stability.

Selection Information: dimensions in inches (millimeters)

Catalog Number	Conductor Size (AWG/kcmil)	Insulation Diameter (Min.)	Jacket O.D. (Max.)
HVT-51	#4-2/0	0.45 (11)	0.85 (22)
HVT-52	3/0-500	0.70 (18)	1.30 (33)
HVT-53	750-1500	1.10 (28)	2.15 (55)

Installed length: 12 (300)

For Three-Conductor 5 kV Terminations

- Order three appropriate single-conductor terminations from the selection information above.
- In addition, order the appropriate three-conductor modification kit (MOD-3-HVT) as follows:
 - MOD-3A-HVT for HVT-51 and HVT-52
 - MOD-3B-HVT for HVT-53

These MOD-3-HVT kits contain:

- 4 feet of tubing to re-jacket each phase and ground conductor
- sealant
- plugs
- cable breakout to seal the crotch area

Ordering Information

- Select the appropriate catalog number. All selections are based on the typical dimensions of 100% insulated cables manufactured in accordance with the data contained in ICEA S-66-524, as well as the dimensions of commonly used connectors. Nominal insulation thickness (100%): 90 mils.
- For cables manufactured to other specifications, confirm selection with cable dimensions.
- Kits do not contain connectors; order compression or solder connectors separately.
- Standard package:
 - HVT-50: 3 single-conductor kits/box.
 - MOD-3-HVT: 1 kit/box.
- Cable mounting brackets are available to accommodate cable diameters from 0.80-2.40 (20-61).