



HVT-LC/SLC

1/C LC shield cable (15–35 kV)

Rated to IEEE-48-1990, class 1. Indoor (in enclosures) or outdoor (weather-exposed) use on LC shield cables.

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Selection information: (dimensions in inches/millimeters)

Indoor	Outdoor	(AWG/kcmil)	(min.–max.)	(max.)
HVT-151-LC	HVT-151-SLC	#2–3/0	0.65–1.00 (17–25)	1.45 (37)
HVT-152-LC	HVT-152-SLC	4/0–350	0.85–1.40 (22–36)	1.85 (47)
HVT-153-LC	HVT-153-SLC	500–1000	1.15–1.70 (29–43)	2.20 (56)
Installed length: 15 (381)				
HVT-252-LC	HVT-252-SLC	#2–400	0.85–1.40 (22–36)	1.80 (46)
HVT-253-LC	HVT-253-SLC	400–1000	1.25–1.80 (32–46)	2.50 (64)
Installed length: 26 (660)				
35 kV				
HVT-352-LC	HVT-352-SLC	#1–250	1.05–1.40 (27–36)	1.90 (48)
HVT-353-LC	HVT-353-SLC	250–1250	1.25–2.10 (32–55)	2.60 (66)
Installed length: 33 (838)				

Ordering information:

- Select the appropriate catalog number. Selections are based on the typical dimensions of 100%-insulated and 133%-insulated cables manufactured in accordance with the data contained in AEIC CS5-1987 and AEIC CS6-1987, as well as the dimensions of commonly used connectors.
Nominal insulation thickness:
(100%) 15 kV: 175 mils
25 kV: 260 mils 35 kV: 345 mils
Nominal insulation thickness:
(133%) 15 kV: 220 mils
- For cables manufactured to other specifications, confirm selection with cable dimensions.
- HVT-LC/SLC kits are supplied with two pieces of #4 AWG braid to provide fault-current carrying capacity. Users should verify the compatibility of the braids with their LC shield cable.
- Kits do not contain connectors; order compression or solder connectors separately.
- Indoor (-LC) kits include a solderless ground connection.
- Outdoor (-SLC) kits include skirts for outdoor use and a solderless ground connection. To order skirts separately, see page 125.
- Miscellaneous accessories are found on page 94.
- Standard package: 1 kit/box.
- See page 107 for testing information.
- Related test reports:
15 kV: EDR-5218
25 kV: EDR-5219
35 kV: EDR-5222
- Cable mounting brackets are available to accommodate cable diameters from 0.80-2.40 (20-46). See page 122.