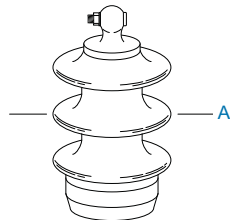




HVCE High Voltage Creepage Extenders

Heat-shrinkable creepage extenders help to increase the flashover performance of insulators by reducing the surface electrical stress and leakage current and increasing the electric strength of the insulators. The extenders are designed to be resistant to conventional spray washing techniques and will withstand most normal handling, abuse, and extreme weather conditions.

Selection Information: dimensions in inches (millimeters)



Catalog Number	Skirt Diameter of Insulator (Min.-Max.) A	Minimum Internal Diameter of HVCE (as supplied)	Nominal Creepage Extension Per Extender (in.)	Std. Pack (pcs/box)
HVCE 100/80-01 (B6)	3.20-3.90 (81-99)	4.50 (114)	4	6
HVCE 120/100-01 (B6)	3.90-4.70 (99-119)	5.30 (135)	4	6
HVCE 140/120-01 (B6)	4.70-5.50 (119-140)	6.10 (155)	4	6
HVCE 160/140-01 (B6)	5.50-6.30 (140-160)	7.00 (178)	4	6
HVCE 183/161-01 (B6)	6.30-7.20 (160-183)	8.00 (203)	4	6
HVCE 205/184-01 (B6)	7.20-8.10 (183-206)	9.00 (229)	4	6
HVCE 226/206-11 (B6)	8.10-8.90 (206-226)	9.40 (239)	4	3
HVCE 247/227-11 (B6)	8.90-9.70 (226-246)	10.30 (262)	4	3
HVCE 268/248-11 (B6)	9.70-10.50 (246-267)	11.10 (282)	4	3
HVCE 289/269-11 (B6)	10.50-11.40 (267-290)	11.90 (302)	4	3
HVCE 310/290-11 (B6)	11.40-12.20 (290-310)	12.70 (323)	4	3
HVCE 331/311-11 (B6)	12.20-13.00 (310-330)	13.60 (345)	4	3
HVCE 352/332-11 (B6)	13.00-13.90 (330-353)	14.40 (366)	4	3
HVCE 373/353-11 (B6)	13.90-14.70 (353-373)	15.20 (386)	4	3
HVCE 394/374-11 (B6)	14.70-15.50 (373-393)	16.10 (409)	4	3

Ordering/Application Information

- Select the appropriate catalog number. Confirm selection with insulator skirt outer diameter (A).
- Each HVCE extender adds a nominal 4 inches to the creepage length. As a general recommendation, TE advises a 20 percent increase in existing creepage distance. Use this formula to calculate the number of creepage extenders needed: Existing creepage distance in inches $\times 0.2 \div 4 =$ Minimum number of HVCE creepage extenders recommended (i.e., 40 inches creepage $\times 0.2 \div 4 = 2$ HVCEs needed). Always round up to a whole number (i.e., 1.33 to 2 HVCE's).
- For applications that do not fall within the ranges above, contact your local TE representative.
- HVCE does not upgrade the voltage class of the insulator.
- Related test reports:
UVR-8138
UVR-8144
UVR-8037
EDR-5350