



HIGH VOLTAGE CREEPAGE EXTENDER (HVCE-WA) WRAPAROUND, CUSTOM DESIGN

KEY FEATURES

- Increases flashover withstand
- Reduces electrical stress
- Custom design
- REACH and RoHS Compliant

TE Connectivity's (TE) creepage extenders have been used to prevent pollution flashover on insulators for over 30 years. The extenders are sealed to porcelain or glass insulators, driving the high leakage currents found in polluted areas around the edge of the extender's skirt.

Each extender adds 6" (150 mm) of creepage to the insulator's existing creepage distance, reducing the electric stress. It also improves insulator or bushing performance by changing the overall shape to a staggered shed profile. When an extender is required for a previously unused profile, it is straight forward to create. There is no upper voltage limit to the use of creepage extenders.

TE has now added a range of cold applied wraparound creepage extenders to its list of TE's Raychem heat-shrink creepage extenders (HVCE-WA's). This will considerably reduce installation time in situations where heavy metal work or complicated connection geometry makes disconnection on the insulator or bushing difficult.

Cold-applied wraparound creepage extenders work the same way as conventional extenders but leave a gap where the extender has stretched open, allowing it to wrap around the porcelain or glass skirt onto which it is installed.

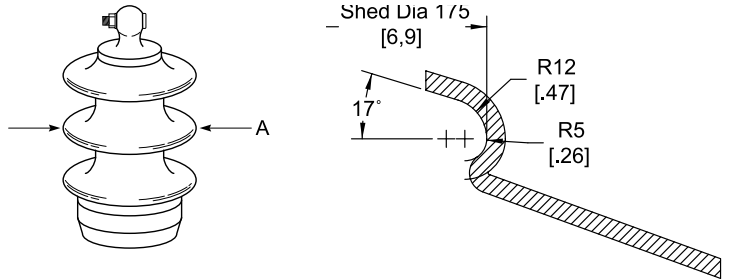
Customers can count on consistent, high quality products, driven by TE's proven innovation and backed by our extraordinary customer support.

High Voltage Creepage Extender HVCE-WA



Each extender is tailored to suit the insulator profile used. There is a wide range of extenders already available, which fit the more commonly used profiles.

PRODUCT SELECTION INFORMATION: IN mm (INCHES)		
Description	Shed Diameter of Insulator A	Standard Pack
HVCE-WA-175-02-FT (B6)	175 (6.90)	6
HVCE-WA-206-01 (B6)	206 (8.11)	6
HVCE-WA-216-01 (B6)	216 (8.50)	6
HVCE-WA-221-01 (B6)	221 (8.70)	6
HVCE-WA-226-01 (B6)	226 (8.90)	6
HVCE-WA-227-01 (B6)	227 (8.94)	6
HVCE-WA-234-01 (B6)	234 (9.21)	6
HVCE-WA-244-01-FT (B6)	244 (9.61)	6
HVCE-WA-248-01 (B6)	248 (9.76)	6
HVCE-WA-251-01 (B6)	251 (9.88)	6
HVCE-WA-255-01 (B6)	255 (10.04)	6
HVCE-WA-267-01 (B6)	267 (10.51)	6
HVCE-WA-271-01 (B6)	271 (10.67)	6
HVCE-WA-280-01 (B6)	280 (11.02)	6
HVCE-WA-281-01 (B6)	281 (11.06)	6
HVCE-WA-287-01 (B6)	287 (11.30)	6
HVCE-WA-292-01 (B6)	292 (11.50)	6
HVCE-WA-303-01 (B6)	303 (11.93)	6
HVCE-WA-323-01 (B6)	323 (12.72)	6
HVCE-WA-326-01 (B6)	326 (12.83)	6
HVCE-WA-330-01 (B6)	330 (13.00)	3
HVCE-WA-336-01 (B6)	336 (13.23)	6
HVCE-WA-341-01 (B6)	341 (13.39)	6
HVCE-WA-348-01 (B6)	348 (13.70)	6
HVCE-WA-349-01 (B6)	349 (13.74)	6
HVCE-WA-356-01 (B6)	356 (14.02)	6
HVCE-WA-359-01 (B6)	359 (14.13)	3
HVCE-WA-364-01 (B6)	364 (14.33)	6
HVCE-WA-367-01 (B6)	367 (14.45)	6
HVCE-WA-372-01 (B6)	372 (14.65)	6
HVCE-WA-373-01 (B6)	373 (14.68)	6
HVCE-WA-377-01 (B6)	377 (14.84)	6
HVCE-WA-381-01 (B6)	381 (15.00)	6
HVCE-WA-392-01 (B6)	392 (15.53)	6
HVCE-WA-393-01 (B6)	393 (15.47)	6
HVCE-WA-406-01 (B6)	406 (15.98)	6
HVCE-WA-407-01 (B6)	407 (15.98)	6
HVCE-WA-413-01 (B6)	413 (16.26)	6
HVCE-WA-421-01 (B6)	421 (16.54)	6
HVCE-WA-426-01 (B6)	426 (16.77)	6
HVCE-WA-429-01 (B6)	429 (16.89)	6
HVCE-WA-440-01 (B6)	440 (17.32)	6
HVCE-WA-442-01 (B6)	442 (17.40)	6
HVCE-WA-452-01 (B6)	452 (17.60)	6
HVCE-WA-457-01 (B6)	457 (18.00)	6
HVCE-WA-463-01 (B6)	463 (18.23)	6
HVCE-WA-482-01 (B6)	482 (16.98)	3
HVCE-WA-488-01 (B6)	488 (19.21)	6
HVCE-WA-490-01 (B6)	490 (19.29)	6
HVCE-WA-501-01 (B6)	501 (19.72)	6
HVCE-WA-528-01 (B6)	528 (20.79)	3
HVCE-WA-551-01 (B6)	551 (21.69)	3
HVCE-WA-584-01 (B6)	584 (22.99)	3
HVCE-WA-611-01 (B6)	611 (24.05)	6
HVCE-WA-611-01 (B6)	611 (24.05)	6



Detailed explanation of this phenomena, field history, test data, and technical specifications are available from your TE representative.

ORDERING INFORMATION

1. Each extender adds 6" to the creepage length. As a recommendation, TE advises a 20% increase in existing creepage distance.
2. For applications that do not fall within these ranges, contact your TE representative.
3. HVCE does not upgrade the voltage class of the insulator.

INSTALLATION EQUIPMENT

HVCE-WA-TOOL	HVCE-WA Installation Equipment Kit
--------------	------------------------------------

TECHNICAL REPORT

EDR-5350	HVCE and HVCE-WA Product Test Report
UVR-8152	HVCE-WA Qualification Report

INSTALLATION INSTRUCTIONS

PII 5495	Installation Instructions for High Voltage Creepage Extender Wrap Around (HVCE-WA)
----------	--

FOR MORE INFORMATION: TE Technical Support Centers

USA:	+ 1 800 327 6996
Canada:	+ 1 (905) 475-6222
Mexico:	+ 52 (0) 55-1106-0800
Latin/S. America:	+ 54 (0) 11-4733-2200
France:	+ 33 380 583 200
UK:	+ 44 0870 870 7500
Germany:	+ 49 896 089 903
Spain:	+ 34 916 630 400
Italy:	+ 39 333 250 0915
Benelux:	+ 32 16 508 695
Russia:	+ 7 495-790 790 2-200
China:	+ 86 (0) 400-820-6015

te.com/energy

© 2018 TE Connectivity. All Rights Reserved. EPP-2606-8/18-EN

Raychem, TE Connectivity and the TE connectivity (logo) are trademarks of the TE Connectivity Ltd. family of companies. Other logos, product and Company names mentioned herein may be trademarks of their respective owners. While TE has made every reasonable effort to ensure the accuracy of the information in this brochure, TE does not guarantee that it is error-free, nor does TE make any other representation, warranty or guarantee that the information is accurate, correct, reliable or current. TE reserves the right to make any adjustments to the information contained herein at any time without notice. TE expressly disclaims all implied warranties regarding the information contained herein, including, but not limited to, any implied warranties of merchantability or fitness for a particular purpose. The dimensions in this brochure are for reference purposes only and are subject to change without notice. Specifications are subject to change without notice. Consult TE for the latest dimensions and design specifications.