

ABB Dry Type Outdoor Termination

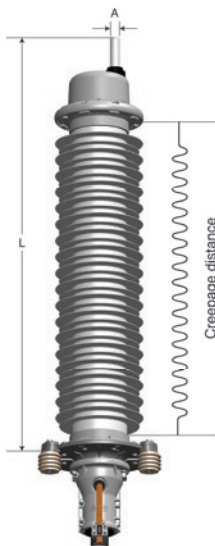


TD 145 PRE-ASSEMBLED OUTDOOR TERMINATION

Suitable for outdoor and indoor installations in which the termination is to be used as a fixed connection point. Especially suitable for applications where oil is not preferred or when installation time/cost is crucial.

TD 145 contains a pre-assembled cable termination, top bolt and bolt clamp in the top fitting, cable clamp, and earth clamp. The pre-assembled cable termination consists of a composite insulator with integrated base part and stress cone. Both the support pipe and the cable clamp are made of fiberglass reinforced polyester that provides an insulated screen/sheath installation. The field control component is a pre-molded stress cone. The termination has a minimum creepage distance of 183 inches, which means it fulfills Pollution class IV according to IEC 60815-3.

- Free of insulation liquid, no filling procedure
- Less parts to be assembled therefore faster installation
- All metal work made of corrosion resistant aluminum alloy
- Type test certificate in accordance with IEC 60840 available



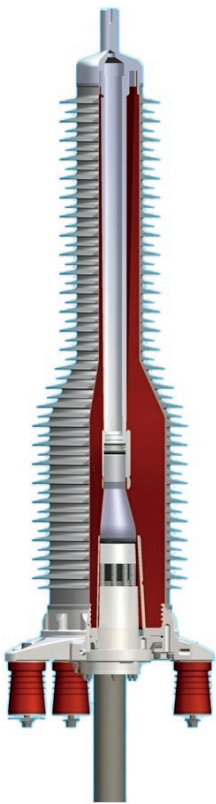
| Type | TD |
|---|-------------|
| Operation Voltage Um (kV) | 145 |
| Conductor Cu/Al Max. (kcmil) | 5000 |
| Diameter Over Dielectric Min.-Max. (inches) | 2.1-4 |
| Diameter Over Jacket Max. (inches) | 5.9 |
| Length L (inches) | 69.3 |
| Creepage Distance Min. (inches) | 183 |
| Top Bolt Diameter A (mm) | 40/50/54/60 |

nkt cables Dry Type Outdoor Termination

KFEV 145-V PRE-ASSEMBLED OUTDOOR TERMINATION

This new generation of dry type termination is free of any liquid and gaseous insulation medium. Main components of the termination are the push-on silicone components with integrated stress cone for electrical field control and the liquid free epoxy resin insulator with silicone sheds.

- Free of insulation liquid, no filling procedure
- Less parts to be assembled therefore faster installation
- Prefabricated capacitive silicone stress control system
- Plug-in part comprising four components (stress cone made of silicone rubber, cable gland, connection bolt and spring loaded compression device)
- Easy to fit screw type conductor connector
- All metalwork made of corrosion resistant aluminum alloy
- Type test certificate in accordance with IEC 60840 available



| Type | KFEV 145-V |
|---|------------|
| Operation Voltage Um (kV) | 145 |
| Conductor Cu/Al Max. (kcmil) | 2500 |
| Diameter Over Dielectric Min.-Max. (inches) | 1.4-3 |
| Diameter Over Jacket Max. (inches) | 3.9 |
| Length L (inches) | 69 |
| Creepage Distance Min. (inches) | 177 |
| Top Bolt Diameter A (mm) | 50 |