

CA9-type (R1-type) Connector for up to 75 kVDC

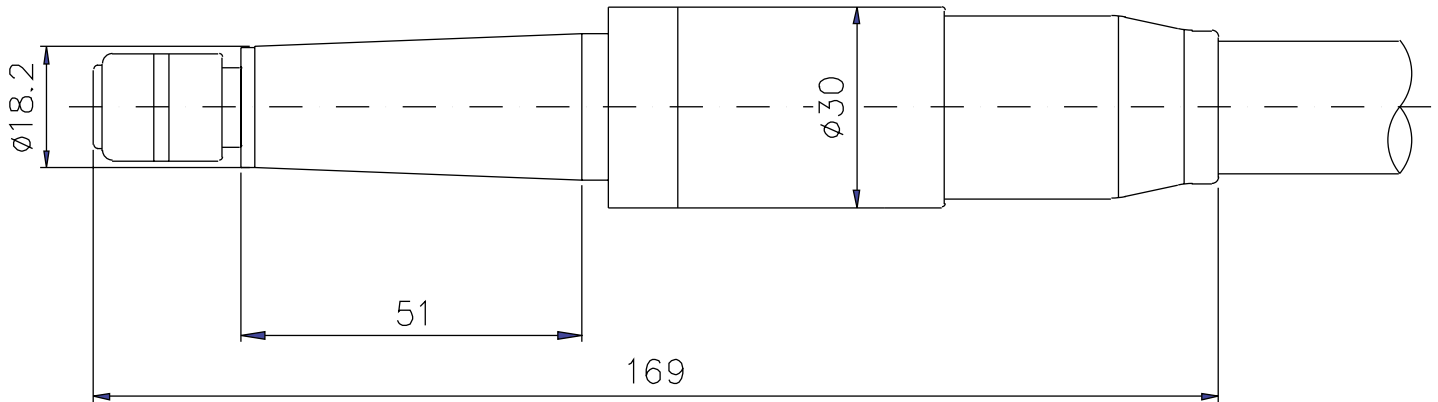
Claymount CA9-type cable assemblies are terminated with 3-pins 75 kVDC rated high voltage rubber cable plugs that are type tested under the severest life (aging) conditions. The plugs are made from high insulation EP rubber. The metal parts are made from brass for excellent conduction.

Features

- High temperature resistant contact tip.
- High quality EP rubber overmold (90°C rated) with very smooth cone surface.
- Small diameter sleeve with robust fixation .
- Highly flexible cable with up to 95% shielding braid coverage.

Installation

When installing the plug into the receptacle, silicone grease must be used to exclude air between the plug and the receptacle, to prevent creepage along the plug/receptacle interface. The cable flange is secured to the receptacle with 4 bolts. A long lasting HV-proof installation requires enough compression of the plug; 4-5 mm of compression is recommended.



Cable types

The following cable types can be terminated with CA9-type connectors.

L3 (Locaflex 3 conductors, 75 kVDC)
T3 (Superflex, conductors, 75 kVDC)
U3 (3 conductors, 100 kVDC)

Technical data

Number of contacts	3
Rated voltage	75 kVDC
Maximum continuous operating temperature	90 °C / 194 °F
Outer diameter (without cable flange)	30 mm / 1.181 in