



CA24-type Connector for up to 75 kVDC

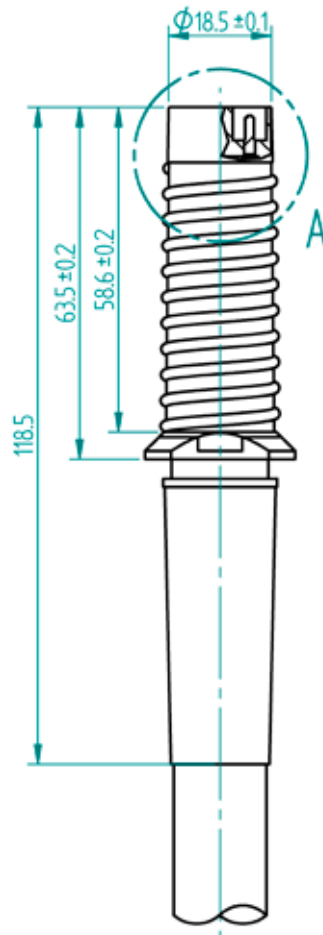
The Claymount 75 kVDC rated CA24 3-pin high voltage cable plug is an alternative for the solid rubber plug's available in the market. The CA24 is easy to install, no grease required and is maintenance free.

Features

- 80 °C rated plug.
- Pre-mounted and replaceable **maintenance-free** silicone jacket for greaseless installation.
- A wide choice of **small diameter**, highly flexible cable types with 95 % shielding coverage, rated up to 75 kVDC.
- A **compact** and **small diameter** termination.
- Ringnut and C-plate can be mounted afterwards. This allows the connector to be easily passed through small cable hoses.

Description

The 80 °C rated plug is made of high insulation thermoplastic material and is filled with an insulation compound. The contact pins are countersunk and this protects against accidental damage. Positioning of the contact pins during installation is very easy due to the hard plastic body. The very small outer diameter of the plug allows an easy feed-through in C-arms and cable hoses. The ring nut can be slipped over the plug afterwards.



Installation

Greaseless installation with the advanced interface seal, i.e. silicone rubber jacket. The silicone oil provided, functions as a lubricant during installation. The jacket is replaceable when necessary during system preventive maintenance or due to accidental damage during installation.

Technical data

Maximum continuous voltage between contact pins and grounding flange	75 kVDC *
Number of contacts pins	3
Maximum continuous voltage between pins	4 kVDC *
Maximum continuous current (each pin)	10 A *
Maximum continuous operating temperature	80 °C / 176 °F

* Depends on cable type used.

Choice of cables that can be terminated with Mini75 connector:

- T3 (3 conductors, 75 kVDC)
- L3 (3 conductors, 75 kVDC)