



Cable Glands Requirement Specification

In line with Powergrid specification, the requirement of cable glands shall be as follows

Double compression, Heavy Duty, Nickel plated (coating thickness not less than 15 microns) brass cable glands shall be provided by the contractor for all power, control and instrumentation cables to provide dust and weather proof terminations. The control & instrumentation cables shall be screened and unarmoured. The power cables shall be armoured.

The gland shall project at least 25mm above gland plate to prevent entry of moisture in cable crutch. The glands shall be dust proof, screw on & double compression type and made of brass. They shall comprise of heavy duty, brass casting, machine finished and Nickel plated, to avoid corrosion and oxidation. Rubber components used in cable glands shall be neoprene and of tested quality. The glands shall be shrouded complete with necessary armour clamp and tapered washers etc. The glands shall have provision for securing armour/ screen of the cable separately and shall be provided with earthing tag.

The glands shall conform to and shall be tested as per BS: 6121.

The supplier of cable glands should contact site for cable samples for exact measurements of overall cable diameter (OD). The final supply shall be made based on actual cables supplied at site.

The Cable glands are to be procured from any of the following vendors after due inspection by Powergrid (Q&I Group):

1. Central Hardware Industries, Vadodara
2. Comet Brass Products, Mumbai
3. Comet Industries, Mumbai
4. Electromac Industries Mumbai
5. Sunil & Company Pvt. Ltd, Kolkata