

SCOPE, SPECIFIC TECHNICAL REQUIREMENTS OF CABLE GLANDS**1.1 SCOPE**

This technical specification covers the requirement of design, manufacture, testing at works, packing and dispatch of Cable Glands.

1.2 SPECIFIC TECHNICAL REQUIREMENTS

Cable glands shall be made of brass duly electro tinned in order to avoid corrosion and oxidation of the surface. The nipple threads shall be in accordance with IS 1653/ IEC. Glands shall provide neat, tight, dust and vermin proof termination. Gland shall be provided with rubber ring to hold the cables firmly when check-nut is slightly tightened. Gland shall be complete with suitable washers etc.

1.3 TYPE

<i>Sr. No.</i>	<i>Suitable for Cable Type</i>	<i>Approx OD $\pm 2mm$</i>
	Armoured, PVC, Cu Control Cable	
1	4C x 6 mm ² PVC Tinned Cu Cable	20.0mm
2	4C x 4 mm ² PVC Tinned Cu Cable	18.0mm
3	5C x 2.5 mm ² PVC Tinned Cu Cable	17.0mm
4	10Cx2.5 mm ² PVC Tinned Cu Cable	21.0mm
5	14Cx2.5 mm ² PVC Tinned Cu Cable	23.0mm
6	19Cx2.5 mm ² PVC Tinned Cu Cable	25.0mm
7	2C x 2.5 mm ² PVC Tinned Cu Cable	14.0mm
	Armoured, PVC Aux Power Cable	
8	3.5 C x 185 sq.mm PVC/ Al.	49.0mm
9	3.5 C x 35 sq.mm PVC/ Al.	26.0mm
10	4 C x 16 sq.mm PVC/ Al.	23.0mm
11	2 C x 25 sq.mm PVC/ Tinned Cu	20.0mm
12	1 Cx120 sq.mm PVC/ Tinned Cu	23.0mm
13	1C x 630 sq.mm PVC/ Al.	47.0mm