

## **TECHNICAL SPECIFICATION FOR CABLE GLANDS**

S.No.	Description	Unit	Quantity	CABLE OD in mm+/- 2mm
	<b>MAIN EQUIPMENT</b>		<b>NAMRUP</b>	
1.0	<b>Cable Gland for 1.1kV HR-PVC Power cable</b>			
1.1	3.5C × 240 sqmm HR-PVC/ Al	Nos	34	57.0
1.2	4C × 35 sqmm HR-PVC/ Al.	Nos	72	25.9
1.3	4C x 4 sqmm HR-PVC/ Cu.	Nos	94	18.8
1.4	2C × 35 sqmm HR-PVC/ Al	Nos	40	21.8
1.5	2C x 4 sqmm HR-PVC/ Cu.	Nos	80	16.8
2.0	<b>Cable Gland for 1.1kV PVC Control cable</b>			
2.1	2 C X 2.5 sq.mm	Nos	60	14.5
2.2	5 C X 2.5 sq.mm	Nos	130	17.5
2.3	7 C X 2.5 sq.mm	Nos	90	18.5
2.4	9 C X 2.5 sq.mm	Nos	550	21.5
2.5	12 C X 2.5 sq.mm	Nos	150	24.0
2.6	16 C X 2.5 sq.mm	Nos	60	26.0
2.7	20 C X 2.5 sq.mm	Nos	130	28.0

### **SPECIFIC TECHNICAL REQUIREMENT**

The actual cable data as guaranteed by the cable supplier has been furnished. However, for exact measurements, supplier should contact site for cable samples. The final supply shall be made based on actual cables supplied at site.

**Cable Gland Type CGT** -- Double compression, Heavy Duty. Tin plated (coating thickness not less than 10 microns) brass cable glands shall be provided by the vendor for all power and control cables to provide dust and weather proof terminations. The cable glands shall be tested as per BS: 6121. They shall comprise of heavy duty, brass casting, machine finished and Tin plated, to avoid corrosion and oxidation. Rubber components used in cable glands shall be neoprene and of tested quality. The glands shall be dust proof, screw on type, shrouded complete with necessary armour clamp and tapered washers etc.

**TEST**

All valid test reports as per relevant standard shall be furnished including Proof Torque Test, Tensile Test, Seal Test and Electrical Continuity Test as per BS 6121. Cable glands shall also be tested for dust proof and weather-proof termination. Bidders shall submit valid reports of type tests carried out within five years of bid opening. These reports should have been conducted on identical / similar equipment to those offered. In case less than five years old type test reports OR valid type tests are not furnished, the tests shall be conducted free of charge. No separate type test charges shall be paid.