



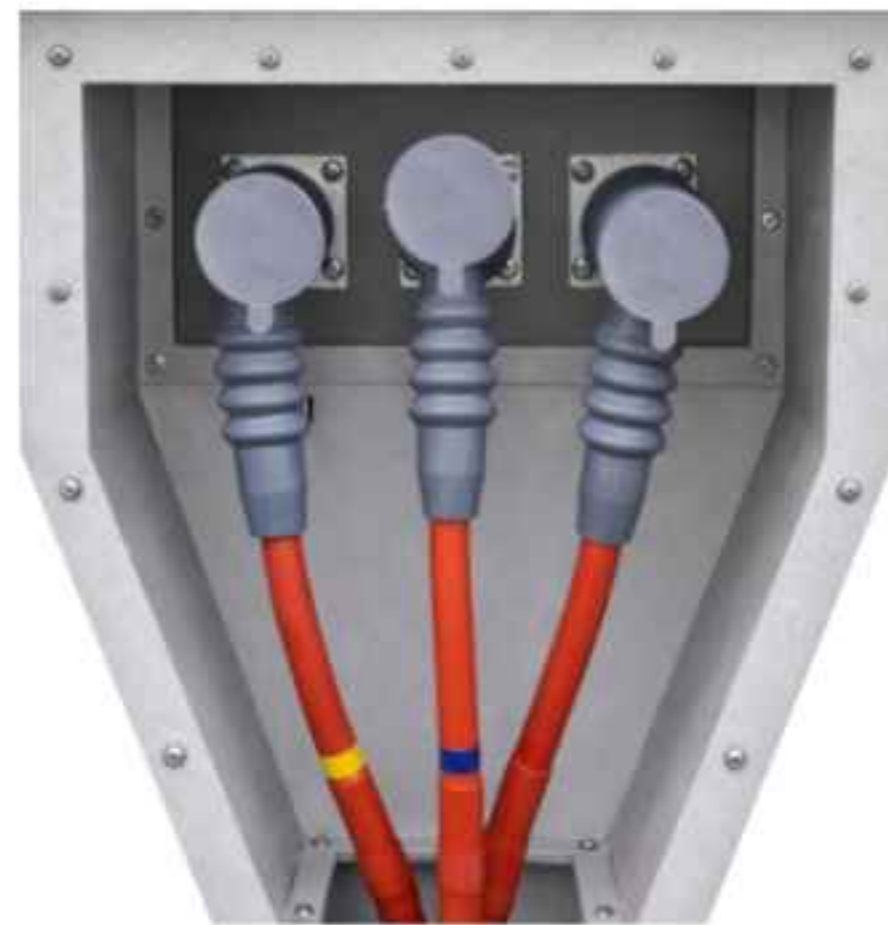
Gala Elbow Terminal Protector will be used in the cable entry boxes with any types of indoor terminations, where the phase to phase clearance is less & having possibility of air flashover, where the air will not give the adequate insulation level. This product will act as a barrier and minimize the chance of flashovers.

Components are manufactured from the special formulation of elastomeric material having good UV resistance, track resistance, insulation & mechanical properties. It is a moulded component and can be used on epoxy bushing. Each component is factory tested to provide reliability.

The Cable Terminal protector is the C Type interface. This has been designed to exceed minimum industry test standards and have dielectric strength more than 15kV / mm. The Cable Terminal Protector provides adequate insulation and is easy to install due to its one-piece design. However, this product is not touch proof.

► Features & Benefits:

- ❖ Easy to install.
- ❖ Suitable for cable range from 25sq mm to 400 sq mm.
- ❖ Fits Sector shaped cables.
- ❖ Facilitates Direct Voltage Testing.
- ❖ Re-usable and Re-openable.
- ❖ Economically Viable Solution for 11kV and 22kV.
- ❖ Prevents Flash-over due to humid environment in HT cable entry box.
- ❖ Protection from Short Circuit due to intervention by Reptiles, Birds, Animals.
- ❖ Suitable to use RMU having bushing of C Type with compact design.



Technical Specification*

Test	Rated Voltage 12 kV	Rated Voltage 24 kV
AC High Voltage withstand Test for 1 min duration	28kV	50kV
Impulse withstand Test	75 kV	125kV
Physical		
TEST DESCRIPTION	RECORDED VALUE	TEST METHOD
1. Tensile Strength	10N/mm ² (MPA) (min.)	ASTM D638
2. Ultimate Elongation	200% (min.)	ASTM D638
3. Water Absorption	0.5% (max)	ASTM D570
4. Hardness	35±5 shore D	ASTM D2240
Thermal		
1. Continuous Temp. Limit	-40° to +115° C	IEC 216
Electrical		
1. Dielectric Strength	15kV/mm.(min.)	ASTM D149
2. Volume Resistivity	1x10 ¹¹ ohm.cm min	ASTM D257
3. Dielectric constant	5 (max.)	ASTM D150

Selection Chart : Right Angle Boot

Product Code	Application Voltage(kV)	Bushing Center Distance
GTPE-1	12	95

*All dimensions are in mm.