



## FRP Cross Arms/Top Hampers

Both 11kV and 33kV Cross Arms are as per the latest REC Specifications and Manufactured by Pultrusion Process.

- Weather resistant specially for coastal areas
- Light weight for easy installation in hilly areas
- Avoidance of birdage problem
- Continuance of power supply even after insulators are cracked
- Lower size insulators can be used reducing the cost of insulators



YPIL is one of the major manufacturer & pioneer in the concept of pultrusion in India. Machine made - PULTRUDED-Fibreglass composites and the applications are mind-boggling.

Our innovative & expanding range of standard products are with specially designed package. The various profiles manufacturer by YPIL using pultrusion process, provide consistant characteristics associated with high mechanical strengths. Corrosion resistance, mechanical strength on strength to weight ratio basis are higher than steel, electrically insulating providing dielectric strength of 5-10 kV/mm, light in weight (1/4th the weight of steel), high impact strength resistng any dent of permanent bending.

YPIL leads the way - From 11/33 kV insulated Cross Arms, for section & intermediate erection, Perforated Cable Trays & Ladders type Cable Trays, High & Low Voltage BUSDUCTS, Insulated Ladders, Insulated Third Rail covers for rapid transport systems, tailor made profiles for variours installation uses & insulating support for switchgear.

### Technical Data for 11kV Cross Arms/Top Hampers

FRP Section Used	45 x 75 x 3.5 mm (box section)
Length	1150 mm (as per REC specifications)
Clamping holes	18 mm dia spaced at 200 mm c/c
Holes for pin insulators	22 mm dia spaced at 1070 mm c/c passed REC
Mechanical strength	Specification in X and Y direction at 300 and 100 Kgs.



### Top Hampers

FRP Section Used	45 x 75 x 3.5 mm (box section)
Length	255 mm
Clamping holes	18 mm dia spaced at 175 mm c/c
Holes for pin insulators	22 mm dia spaced at centre
Mechanical strength	



### Technical Data for 33kV Cross Arms/Top Hampers

FRP Section Used	55 x 110 x 4 mm (box section)
Length	1605 mm (as per REC specifications)
Clamping holes	18 mm dia spaced at 230 mm at centre
Holes for pin insulators	26 mm dia spaced at 1525 mm at centre
Mechanical strength	Passes REC specification in X and Y direction at 400 and 135 Kgs.



### Top Hampers

FRP Section Used	55 x 110 x 4 mm (box section)
Length	280 mm (as per REC specifications)
Clamping holes	18 mm dia spaced at 200 mm at centre
Holes for pin insulators	26 mm at centre
Mechanical strength	



\*(REC)-RURAL ELECTRIFICATION CORP.

All information contained in this leaflet is believed to be reliable. We advise however that customers should separately evaluate the suitability of our products for their particular application YPIL gives no guarantee in respect of the accuracy of sufficiency of the information presented and disclaim any liability regarding its use. Our responsibility are only those listed in our standard Terms and Conditions of Sale of these products.

