



- Technical Data Sheet: LPI FRP-2M & FRP-3M

## LPI® Fibreglass Reinforced Pole – FRP-2M & FRP-3M

- **Product Description**

As a key component of the LPI lightning protection system, the FRP (Fibreglass reinforced pole) mast is an insulated and water resistant mounting pole which is designed to provide the necessary electrical isolation and mounting strength at the position where the high voltage upper termination between the HVSC (High Voltage Shielded Cable) downconductor and LPI lightning terminal is completed.

- **Technical Data**

Application:	Mounting Mast
Ordering code:	FRP-2M, FRP-3M
Dimensions:	
FRP-2M:	Length 2000mm, Outer diameter 68mm, Inner diameter 60mm
FRP-3M:	Length 3000mm, Outer diameter 68mm, Inner diameter 60mm
Colour:	Black
Weight:	FRP-2M 2.7kg, FRP-3M 4kg
Material:	Fibreglass
Construction Type:	Pre-impregnated Reinforced Epoxy Resin Laminate (Flame Retardant)
Electrical Properties:	Non Conductive
Resin Tensile Strength:	70 MPa
Resin Tensile Modulus:	2.9 GPa
Resin Tensile Strain:	2.7%
Resin Poisson Ratio:	0.35

- **Warranty**

This product is guaranteed to be free from materials and workmanship defects for a period of 5 years from the date of shipment from the manufacturer. This warranty does not offer any cover for consequential damage, loss of operation or loss of profit.



- **“LPI Endorsed Product”** – The symbol of assurance of quality and performance.
- LPI has a policy of continuing product development. Therefore, the above specifications are subject to change without notice.

LPI® - Innovative Lightning and Surge Protection Solutions



Direct Strike Protection



Surge & Transient Protection for Power, Data, Communications and RF lines



Grounding Products & Solutions