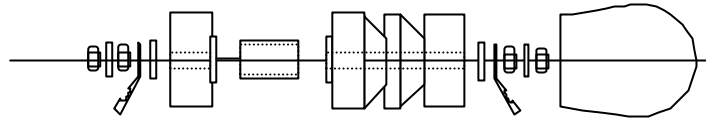
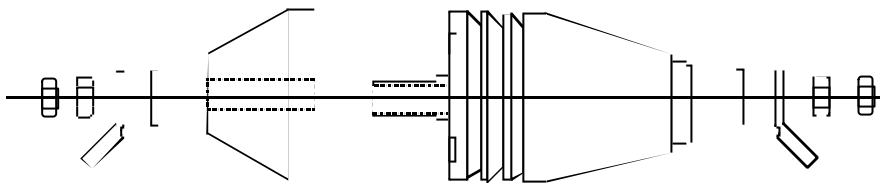


MOONRAKER Feedthrough Insulators

High efficiency insulation for HF marine communications



Small Insulator



Large Insulator

Designed to provide high quality protection for HF antenna feed line on marine vessels where cable needs to be passed through decks and bulkheads.

Moonraker Feedthrough Insulators are constructed from high strength, low loss polypropylene. The surface is ribbed to provide a longer leakage path yet is smooth and easily washed free of salt and dust deposits. Fittings are of stainless steel and a weatherproof cap is provided for the small insulator to protect the external connection.

Important Factors

For maximum protection from water leakage, the small insulator weatherproof cap should be fitted with a silicone rubber sealant before being pushed on. Sealant should also be smeared around the insulator mounting hole before fitting the insulator. Only neutral cure silicone sealants should be used. Other types may corrode metal fixtures.

Specifications

| Type | Small | Large |
|--------------------------------|--------------------|------------------------|
| External Height of Insulator | 35mm (1 3/8 in) | 90mm (3.5 in) |
| Overall Height (including cap) | 65mm (2.5 in) | 125mm (4 7/8 in) |
| Internal Height of Insulator | 12mm (2.5 in) | 40mm (1.5 in) |
| Insulator Diameter | 25mm (1 in) | 50mm 2 in) |
| Conductor Diameter | 5mm (3/16 in) | 7.8mm (5/16 in) |
| Test Voltage | 3kV | 7kV |
| Deck/Bulkhead | 3-25mm (1/8 -1 in) | 3-35mm (1/8 -1 3/8 in) |
| Mounting Hole Diameter | 12.7mm (0.5 in) | 25mm (1 in) |

Specifications subject to change 5/00

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