



## STATION POST INSULATOR

SPI 475RB (LPI-1100-SP)

Up to 36 kV



Top View

### Application

For use in **outdoor** medium voltage post / standoff insulator installations. Suitable where very heavy pollution rated insulators are required up to 25kV and heavy-very heavy pollution up to 36kV.

### Design

EMC Pacific 1100 series moulded solid core outdoor PH-CEP\* hydrophobic cycloaliphatic epoxy resin station post insulator, based on a high creepage alternating shed diameter design offering a high cantilever failing load and oversized brass inserts.

### Standards

EMC Pacific station post insulators meet the Polymeric Resin Insulator requirements of IEC & AS 62217 and the relevant requirements of AS 4398 and IEC 60168.

### Quality

Each insulator is put through stringent quality assurance in line with the EMC Pacific ISO9001 Quality Management System.

### Ordering instructions

Insulators are supplied as standard with either of the following oversized brass insert options:

- M12 ■ 1/2"UNC

Please specify insert selection with order.

Manufactured in Australia by EMC Pacific Pty Ltd, Dandenong, Victoria.

Specification and product design are subject to change without notice. All Information is accurate at time of printing.

### Specification

\*Permanent Hydrophobic Cycloaliphatic Epoxy Resin (patent applied)

Product No	SPI-475RB / LPI-1100-SP
For Line Voltage (kV)	11/22/33 kV
Impulse Withstand Voltage (kV)	250 kV
Dry Power Frequency Withstand Voltage (kV)	145 kV
Wet Power Frequency Withstand Voltage (kV)	140 kV
Dry Arc Distance	491mm
Creepage	1092mm
Minimum Cantilever Failing Load	10 kN
Minimum Tensile Failing Load	20 kN
Insulator Height	475mm
Maximum Shed Diameter	190mm
Maximum Base Diameter	110mm
Bolt Circle	76mm
Weight	7.7 kg
Pollution Level	45.5mm/kV – V/Heavy @ 24kV 30.3mm/kV – Heavy @ 36kV