



1100 SERIES HYDROPHOBIC INSULATORS LINE POST

11kV to 36kV



Application

For use in outdoor medium voltage line post insulator installations. Suitable where very heavy pollution rated insulators are required up to 36kV.

Design

EMC Pacific 1100 series moulded solid core PH-CEP* epoxy resin line insulator, based on a high creepage alternating shed diameter design.

Standards

EMC Pacific line post insulators meet the Polymeric Resin Insulator requirements of IEC & AS 62217 and the relevant requirements of AS/NZS2947, AS 4899, AS 4435.4, IEC 61952, ANSI C29.5 and CEA LWIWG-02.

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 base insert options:

- M24 ■ M20 ■ 3/4" 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

	Australasia / Canada	U.S.A
Product No	LPI-1100 PH-CEP	LPI-1100 PH-CEP
For Line Voltage (kV)	11/22/33 kV	15/25/35kV
Impulse Withstand Voltage (kV)	268 kV	268 kV
Dry Power Frequency Withstand Voltage (kV)	145 kV	145 kV
Wet Power Frequency Withstand Voltage (kV)	140 kV	140 kV
Dry Arc Distance	497 mm	19.56 in
Creepage	1125 mm	44.29 in
Cantilever	11 kN	2472 lbf
Minimum Tensile failing Load	20 kN	4496 lbf
Insulator Height	490mm	19.29 in
Maximum Shed Diameter	190mm	7.48 in
Weight	6.7 kg	14.77 lb
Pollution Level	46.8mm/kV – V/Heavy @ 24kV 31.2mm/kV – V/Heavy @ 36kV	45mm/kV – V/Heavy @ 25kV 32mm/kV – V/Heavy @ 35kV

*Permanent Hydrophobic Cycloaliphatic Epoxy Resin (patent applied)