



1100 SERIES HYDROPHOBIC INSULATORS LINE POST – CLAMP TOP

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 25kV and heavy-very heavy pollution 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 c/w trunnion clamp assembly.

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 and vertical or horizontal trunnion clamp application.

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-CT PH-CEP	LPI-1100-CT PH-CEP
For Line Voltage (kV)	11/22/33 kV	15/25/35kV
Impulse Withstand Voltage (kV)	250 kV	250 kV
Dry Power Frequency Withstand Voltage (kV)	145 kV	145 kV
Wet Power Frequency Withstand Voltage (kV)	140 kV	140 kV
Dry Arc Distance	491mm	19.33 in
Creepage	1092mm	42.99 in
Cantilever	11 kN	2472 lbf
Minimum Tensile failing Load	20 kN	4496 lbf
Insulator Height to Clamp (Vertical Insulator)	537mm	21.14 in
Maximum Shed Diameter	190mm	7.48 in
Weight	7.3 kg	16.09 lb
Pollution Level	45.5mm/kV – V/Heavy @ 24kV 30.3mm/kV – Heavy @ 36kV	43.6mm/kV – V/Heavy @ 25kV 31.2mm/kV – V/Heavy @ 35kV

*Permanent Hydrophobic Cycloaliphatic Epoxy Resin (patent applied)