



OUTDOOR STANDOFF INSULATOR

BBI 100 / 175 / 225 / 300 – Round Base

Up to 36kV



Application

For use in **outdoor** standoff installations. i.e outdoor air break switches, busbars installation or general post applications.

Design

EMC Pacific BBI series round base moulded solid core outdoor PH-CEP* hydrophobic cycloaliphatic epoxy resin post insulator, based on a high creepage alternating shed diameter design.

Standards

EMC Pacific 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 the EMCP, ISO9001 quality checks, for finish, appearance, etc...

Ordering instructions

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

- M12 ■ ½"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	BBI 100	BBI 175	BBI 225	BBI 300
Line Voltage (kV)	6.6 kV	11 kV	22 kV	33 kV
Impulse Withstand Voltage (kV)	60 kV	95 kV	150 kV	200 kV
Dry Power Frequency Withstand Voltage (kV)	28 kV	45 kV	60 kV	90 kV
Wet Power Frequency Withstand Voltage (kV)	20 kV	38 kV	50 kV	70 kV
Dry Arc Distance	150 mm	215mm	270 mm	350 mm
Creepage	420 mm	705mm	990 mm	1400 mm
Minimum Cantilever Failing Load	6 kN	4 kN	4 kN	4 kN
Minimum Tensile Failing Load	6 kN	4 kN	4 kN	4 kN
Insulator Height	100 mm	175 mm	225 mm	300 mm
Maximum Shed Diameter	135 mm	135 mm	135 mm	135 mm
Maximum Base Diameter	60 mm	60 mm	60 mm	60 mm
Weight (kg)	1.2 kg	1.8 kg	2.5 kg	3.5 kg
Pollution Level	58.3mm/kV V-Heavy@7.2kV	58.7mm/kV V-Heavy@12kV	41.2mm/kV V-Heavy@24kV	38.8mm/kV V-Heavy@36kV