



RAIL POST INSULATOR

BBI 156 – 101 Series 2

1500 V DC



Application

For use as an outdoor overhead wiring post insulator particular to railway applications.

Design

EMC Pacific BBI156 series moulded PH-CEP* hydrophobic polymer resin rail post insulator with 5 shed very high pollution design. Offset insert and mounting bracket configuration provides for coupling of multiple insulators where required.

Standards

EMCP post insulators meet the Polymeric Resin Insulator requirements of AS 62217 – 2007, IEC 62217 – 2005, the relevant requirements of AS 4398.1, 1996 and RailCorp Standards EP 08 00 00 19 SP, EP 08 00 00 21 SP.

Quality

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

Ordering instructions

Please select requirement from the options listed with product number in the specification section below.

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 - Insulator and Galvanized Bracket	BBI 156 - 101
- Insulator Only	BBI 101
- Galvanized Bracket Only	2-BCKT ASSY BBI156
For Line Voltage	1500 V DC
Impulse Flashover Voltage - Positive (kV)	130 kV
Puncture Withstand Voltage (kV)	>172 kV
Dry Power Frequency Withstand Voltage (kV)	65 kV
Wet Power Frequency Withstand Voltage (kV) – Vertical / Horizontal Orientation	40 kV
Dry Arc Distance (mm)	185 mm
Creepage (mm)	400 mm
Insulator Height	101 mm
Insulator Height with Bracket	156 mm
Maximum Shed Diameter	306 mm
Minimum Tensile failing load (kNm)	3 kNm
Torsion (kNm)	>1.3 kNm
Tension (kN)	>44 kN
Brass Insert Sizes (4 x Top & 4 x Bottom)	Oversized M12
Bolt Circle	152 mm
Weight (kg)	6.5 kg
Pollution Level	Very Heavy