



RAIL POST INSULATOR

BBI 156 / 12 / 152

1500 V DC



Application

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

Design

Moulded solid core outdoor PH-CEP* hydrophobic epoxy resin rail post insulator. Insulators are supplied with 8 x M12 oversized brass inserts.

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.

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 156 / 12 / 152 (Series 1)
For Line Voltage	1500 V DC
Impulse Flashover Voltage - Positive (kV)	163 kV
Puncture Withstand Voltage (kV)	123 kV
Dry Power Frequency Withstand Voltage (kV)	82 kV
Wet Power Frequency Withstand Voltage (kV) – Vertical / Horizontal Orientation	44 kV
Dry Arc Distance (mm)	220 mm
Creepage (mm)	320 mm
Insulator Height	156 mm
Maximum Shed Diameter	310 mm
Minimum Tensile failing load (kNm)	3 kNm
Torsion (kNm)	1.4 kNm
Tension (kN)	>44 kN
Bolt Circle	152 mm
Weight (kg)	6.0 kg
Pollution Level	Very Heavy