

Product: TREN VHF

Product Order Code:
BM-02188/VHF

Rugged VHF Antenna

Low Profile, High Impact Train Antenna

- 50kV Railway Approved VHF antenna
- RoHS 2011/65/EU & RoHS3 (2015/863/EU compliant)
- Request samples for test & evaluation via enquiry@bloomice.com



Technical Data

Dimensions	206.5mm (L) x 112mm (H) x 92.5mm (W)	
Weight	943g	
Construction Materials	UV Stable ABS housing Aluminium Base	
Mounting Arrangement	Roof Mounted / 3 x M10 x 40mm S316 Studs on 70mm PCD Specification based on aluminium GP 1.2m x 1.2m or 1.2m Dia.	
Temperature Range	-40°C to +85°C	
Protection Class	IP68 (According to IEC 60529)	
Frequency Range	VHF:	140MHz - 174MHz - Factory Tuned (2MHz Bandwidth)
Impedance	50 Ohm	
Polarisation	Vertical	
Gain	Unity	
Radiation Pattern	Omni-Directional	
Rated Power	25 Watts	
Return loss (VSWR)	≤ 1.5:1 (Maximum)	
Radiator Type	Inverted F Radiator	
Cable type	RG316	
Cable Length	200mm	
Connector	UHF Male	
Test & Measurement Conditions	300mm x 300mm x 2.5mm Aluminium Ground Plane	

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CAD Data

