

Section 3 Section 3 Vehicle Mount o

MD2400-SPB

Omni-directional parallel spring mount collinear Industrial, Scientific and Medical 2.4-2.5GHz



The MD2400-SPB is a spring mounted ground independent omnidirectional data link collinear and is especially designed for the ISM 2.4 range.







This antenna is designed for vehicle mounting where vibration and movement causes problems.

Mounting hardware, water-proofing, alternative connectors and other installation accessories are all available separately.

Construction	Black fibreglass radome, aluminium ferrule, stainless steel light to medium-duty parallel spring base, external cable assembly and termination
Frequency range	ISM 2.4/WiFi 2.4-2.5GHz
Bandwidth	Full frequency range
VSWR	<1.5:1
Tuning	Factory
Gain	2.1dBi
Impedance - nominal	50 Ohms
Maximum power	10 Watts
DC grounding	Yes
Polarisation	Vertical
Cable	5 metres MIL-SPEC RG58 low loss, bottom exit out of spring or specify length requirements
Connector	Reverse gender SMA male fitted to cable as standard or specify requirements
Height	300mm
Weight	250grams
Mounting hardware order separate	Hole: minimum 16mm Bracket: GM1, GM2, GM6, ATLM series, BBM series, BBKB-B or MRM-SS
Mounting position recommended	Mount as high on your structure or vehicle as possible using any bracket or hole with a diameter of 16mm
Installation tools required	22mm spanner for nut securing





Parallel spring base with cable bottom exit

Reverse polarity SMA male fitted as standard

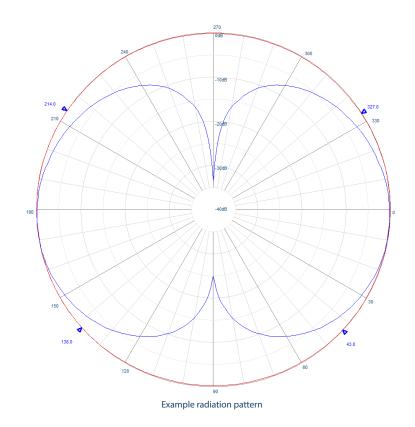


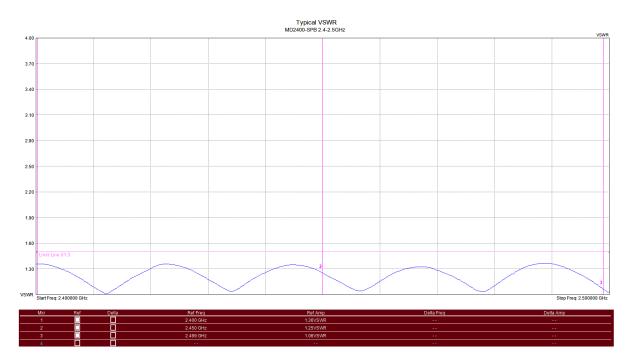
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Typical VSWR





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Recommended installation accessories



BBM-SS - wrap around bull bar mount, up to 50mm diameter bull bar tube

16mm mount hole

Requires 10mm spanner



BBML-SS - wrap around extra large bull bar mount, up to 65mm diameter bull bar tube

16mm mount hole

Requires 10mm spanner



BBMXL-SS - wrap around extra large bull bar mount, up to 76mm diameter bull bar tube

16mm mount hole

Requires 10mm spanner



BBKB-B - Rhino knock down antenna mount, powder coated black

17mm mount hole with cable slot



ATLM-CH - Adjustable bonnet, boot and door jam mount. 360 rotational and 140 degree adjustment

16mm mount hole

Includes 5mm and 2mm allen keys



MRM-SS - clamp mirror mount, up to 20mm diameter tube capability

16mm mount hole

Requires 10mm spanner

Typical alternate Connectors



Reverse gender SMA male termination
Suits telemetry device.



N-type male termination
Suits telemetry devices

Also available in right-angle configuration or alternate gender



TNC male termination
Suits telemetry devices

Also available in right-angle configuration or alternate gender



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Vehicle Mounting locations - magnetic metal surface only

