

MD2400-SPB

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


In-stock
Ready to
Ship

The MD2400-SPB is a spring mounted ground independent omni-directional 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

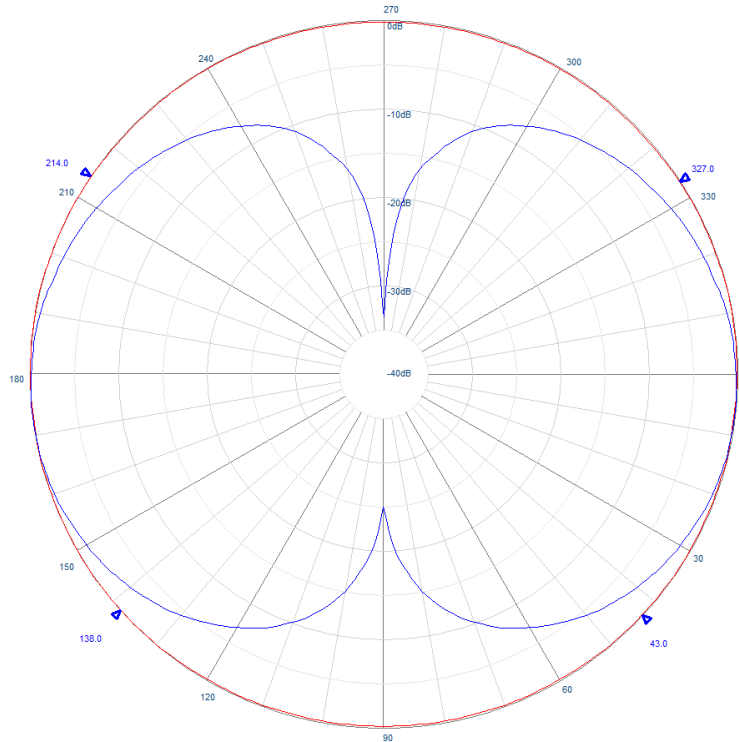


Parallel spring base with cable bottom exit Reverse polarity SMA male fitted as standard

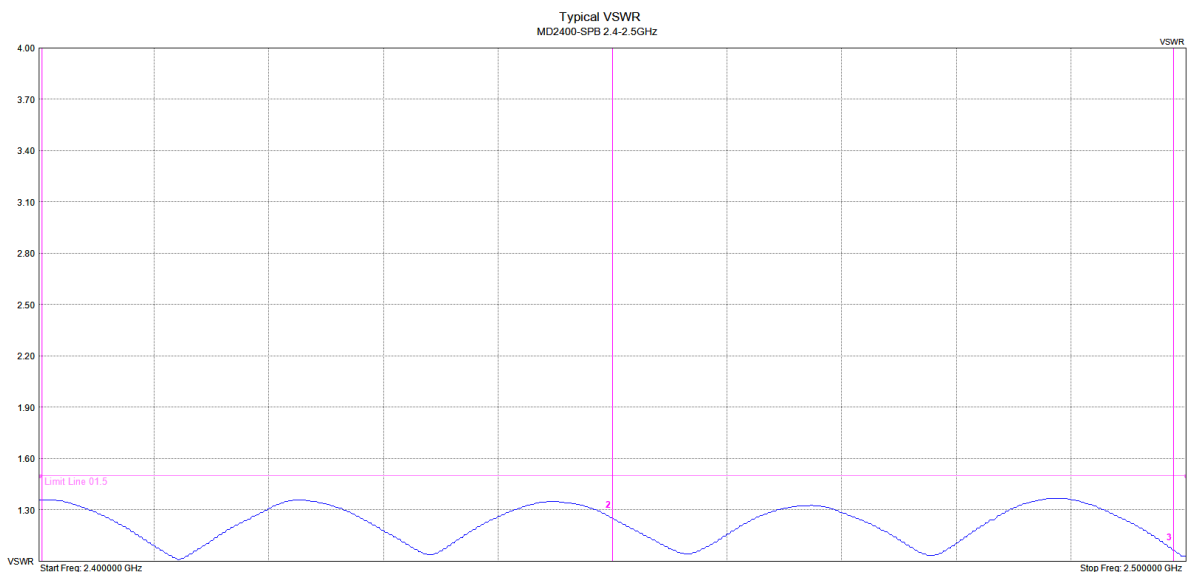
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Example radiation pattern



Mtr	Ref	Delta	Ref Freq	Ref Amp	Delta Freq	Delta Amp
1	<input checked="" type="checkbox"/>	<input type="checkbox"/>	2.400 GHz	1.36VSWR	--	--
2	<input checked="" type="checkbox"/>	<input type="checkbox"/>	2.450 GHz	1.25VSWR	--	--
3	<input checked="" type="checkbox"/>	<input type="checkbox"/>	2.499 GHz	1.06VSWR	--	--
4	<input type="checkbox"/>	<input type="checkbox"/>	--	--	--	--

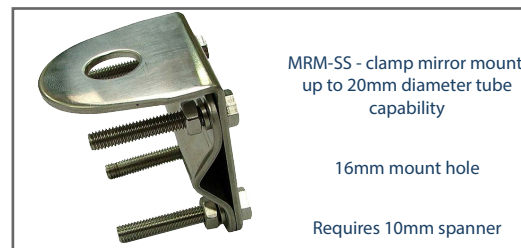
Typical VSWR

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Recommended installation accessories



Typical alternate Connectors



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Vehicle Mounting locations - magnetic metal surface only

