



RS1 Series

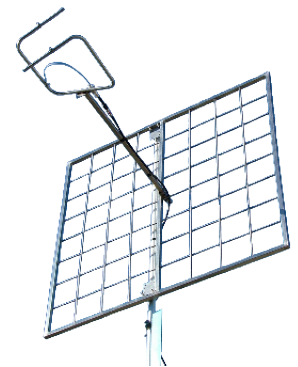
Antenna square rear reflector screens Reduces reflected signal for FM antennas



When fitted to a FM radio broadcast dipole such as a FMD-CPLP, FMD-CPHP or FMCPX, an RS1 rear reflector screen restricts the radiation pattern emitted behind the antenna and increasing forward gain. Rear screens can be fitted to various models of FM broadcast antennas, consult ZCG Scalar for further details.

It is important to note that where a rear screen is fitted to an existing antenna, this antenna will need to be returned.

Coaxial feeder cable, connectors and other installation accessories are all available separately.



	RS1-GAL	RS1-SS
Construction	Full-welded galvanised steel grid and reinforced antenna mounting support	Fully-welded 304 grade stainless steel grid and reinforced antenna mounting support
Screen dimensions	1.5 metres x 1.5 metres	
Projected area	Front: 0.297m ² Side: 0.039m ² <u>Note: not including antenna.</u>	
Weight - includes mounting	19.5kg	18kg
Wind load at 160kph	35.97kg, 0.352kN	
Mounting hardware	Clamps for rear screen and antenna - supplied Note: clamps are for up to 50mm diameter	
Suitable antenna/s	- Mixed Polarised Dipoles - Circular Polarsied Dipoles - Sidemount/Folded Dipole	- Directional Yagi* - Cross/Dual Polarised Yagi*

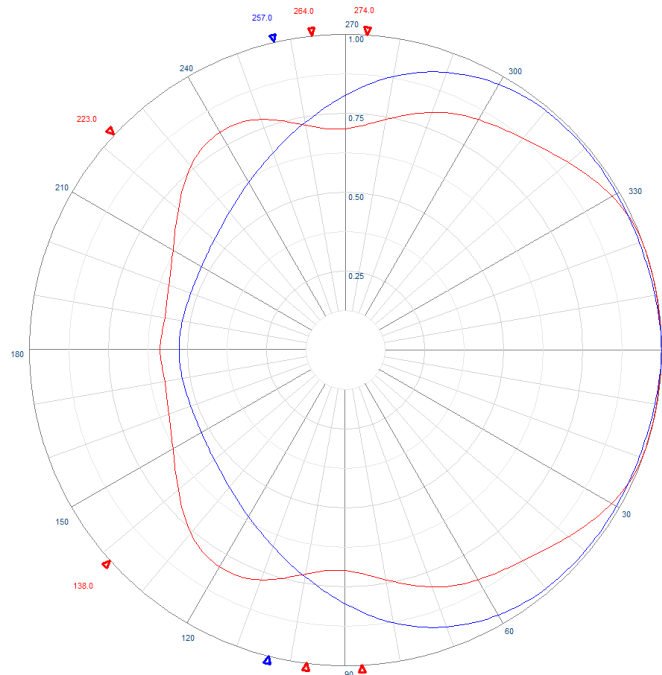
* denotes requirement of support tension strut kit to reduce 'sagging' of antenna



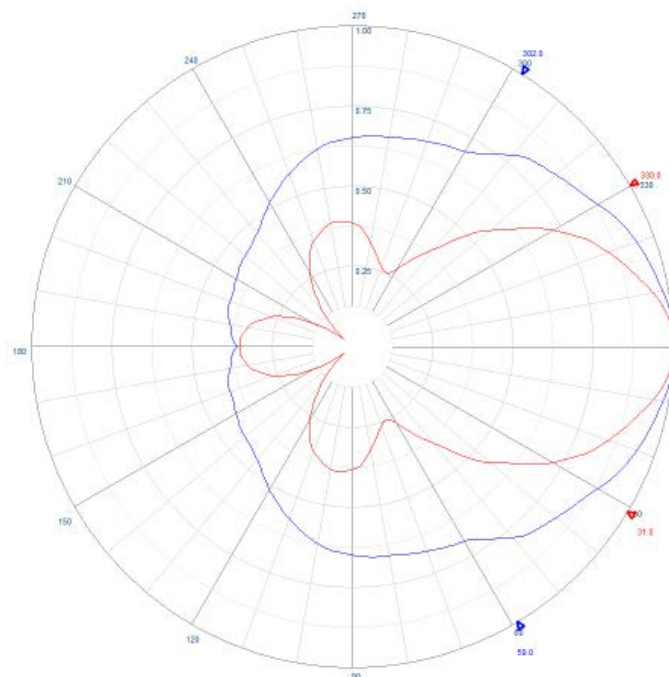


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Example radiation pattern FMD-CPLP no rear screen



Example radiation pattern FMD-CPLP with RS1-SS fitted