



## SG2400-8

### Omni-directional parallel spring base high gain collinear

#### ISM & WiFi/WLAN 2.4-2.5 GHz



The SG2400-8 omni-directional WiFi/WLAN/ Industrial, Scientific and medical I.S.M. 2.4 data link collinear are suitable for light-duty vehicle or fixed position mounting via the light-duty parallel stainless steel spring base.

Mounting hardware, coaxial feeder cable, water-proofing, adaptors and other installation accessories are all available separately.

Construction	Parallel fibreglass radome, specify black or white, aluminium ferrule, parallel spring base, external cable and termination
Frequency range	2.4-2.5 GHz - ISM & WiFi/WLAN compatible
Bandwidth	Full frequency range stated - 100 MHz
VSWR	Average: <1.8:1, Maximum <2:1
Tuning	Factory
Gain	8 dBi
Impedance - nominal	50 Ohms
Maximum power	10 Watts
DC grounding	Yes
Polarisation	Vertical
H Plane	360° omnidirectional ± 0.5 dBd
E Plane	17°
Cable	5.0m RG58 low loss, solid core - bottom exit from spring
Connector	Reverse gender SMA male fitted as standard, or specify requirements
Height	630mm
Weight	295grams
Mounting requirements	Using the 16mm thread on base of spring
Mounting hardware order separate	Any bracket or hole with a diameter 16mm hole Bracket: GM1, GM2, GM6, BBKB-B, ATLM or A-6211 Bullbar/Mirror mount: BBM-SS, BBML-SS or MRM-SS
Installation tools required	22mm spanner for nut securing



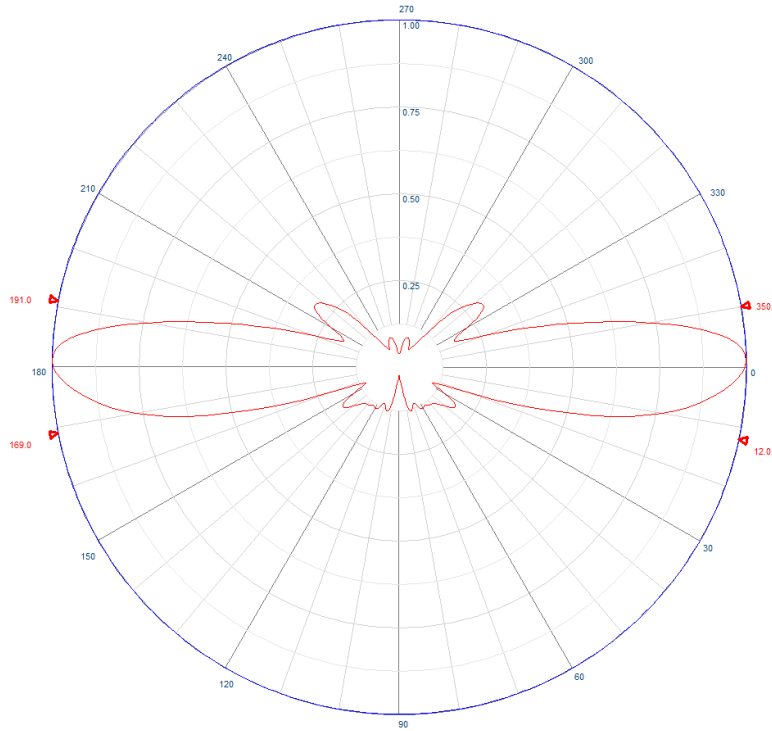
Light to medium-duty parallel spring to maintain vertical polarisation



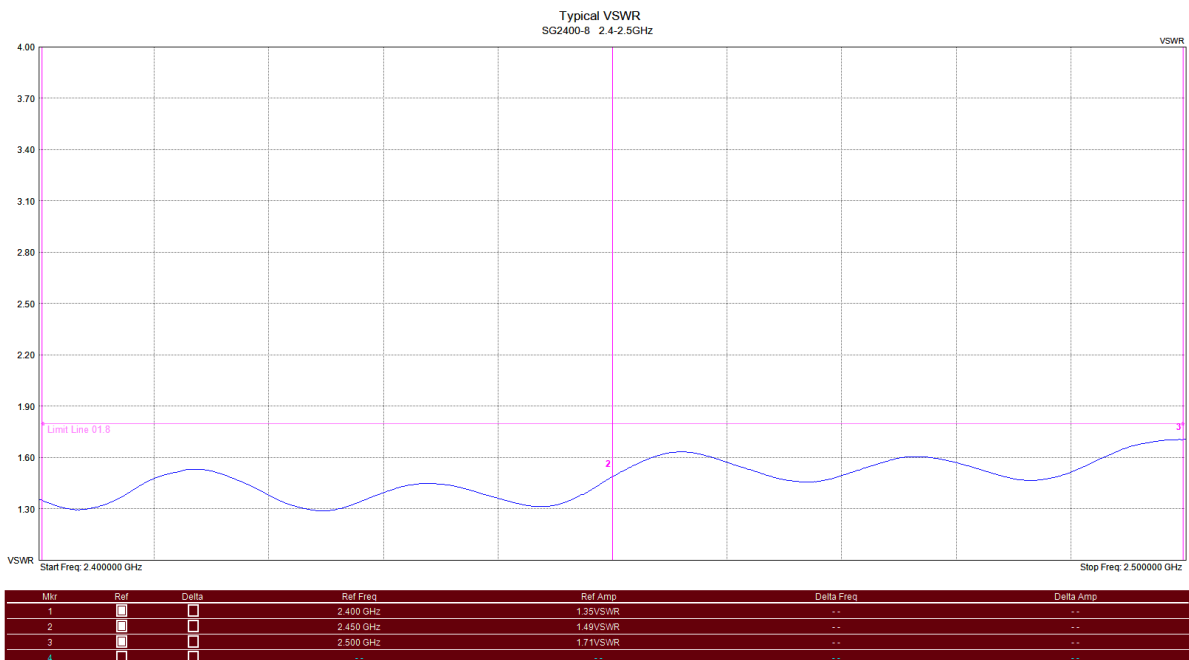
SMA male fitted as standard or specify requirements

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Example radiation pattern



Typical VSWR at 825-960MHz

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### Recommended installation accessories



### Typical alternate Connectors

