

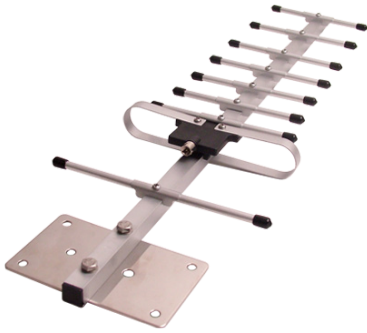


Oscar 3A

GSM/GPRS, Yagi Antenna

Key Features

- Quad Band GSM Yagi
- 9 element
- 11dBi gain



General Description

The Oscar 3A is a low cost enamel coated aluminium antenna. It has 9 elements and achieves a gain of 11dBi.

The Oscar 3A is fitted with an FME Male connector. Once mated with a suitable length cable assembly the joint should be sealed to prevent water ingress.

A universal clamp is supplied for use on standard antenna poles.

Additional Considerations

- Selection of cable assemblies available - see website
- Excellent performance for low cost





Oscar 3A

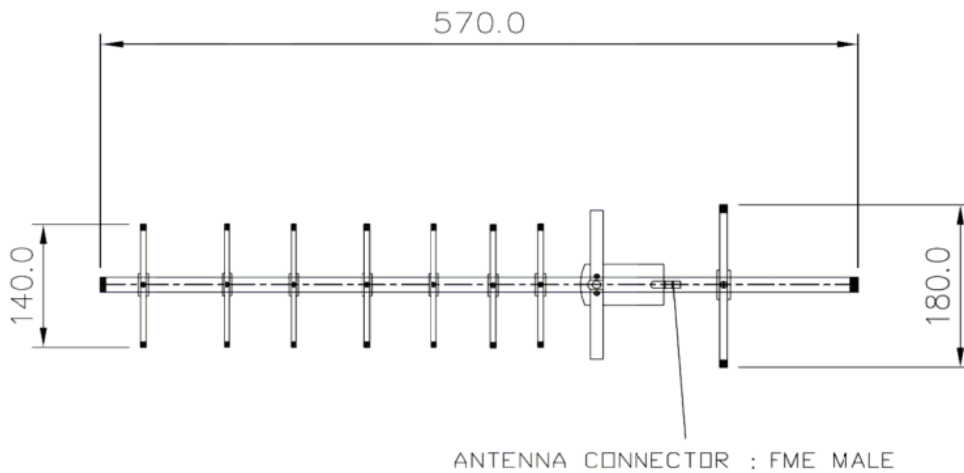
GSM/GPRS, Yagi Antenna

Electrical Specifications

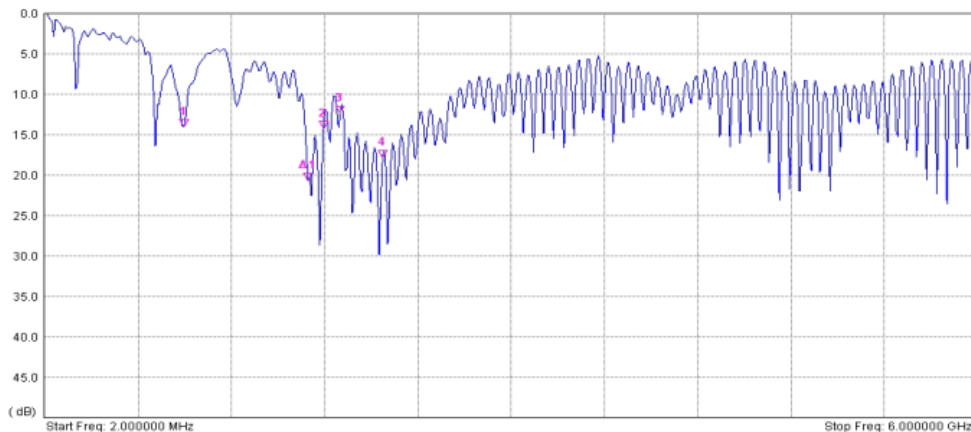
Impedance:	50 Ohm
Gain:	11dBi
VSWR:	<1.6
Max Power:	200W
Operating frequencies:	850/900/1800/1900 MHz
Polarization:	Vertical
Beamwidth:	E Plane 45° H Plane 49°

Mechanical Specifications

Dimensions:	L570 x W180 x H36mm
Connector:	FME Male



Return Loss



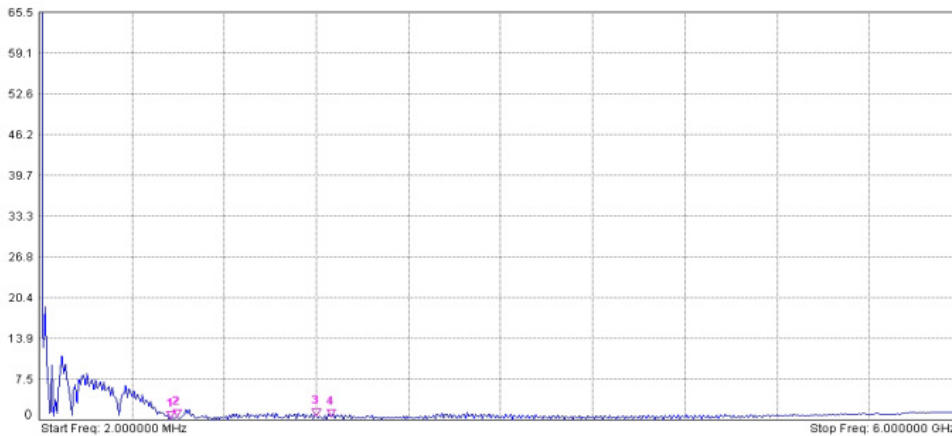
Freq	dB
896MHz	-14.02
1.79GHz	-14.25
1.89GHz	-12.37
2.17GHz	-17.83



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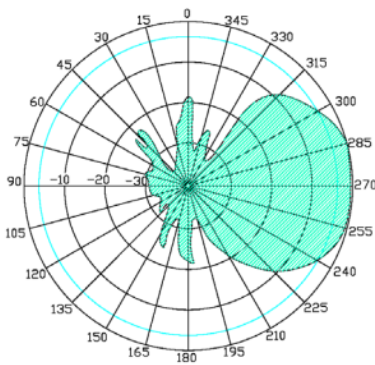
VSWR



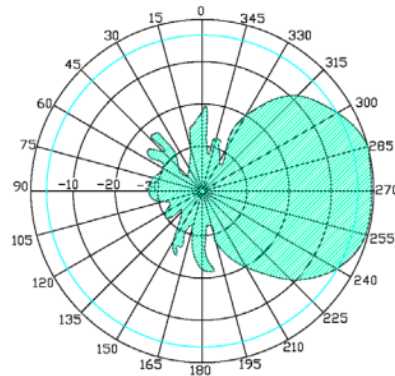
Freq	dB
852.6MHz	1.18
896.2MHz	1.47
1.80GHz	1.54
1.89GHz	1.48

Radiation Patterns

H-PLANE



E-PLANE



Ordering Details

Part Number	Description
OSCAR3A/X/FMEM/S/S/19	GSM/GPRS Yagi Antenna