



Oscar 40

3G/4G/5G/WiFi Compact Omni Antenna



Key Features

- 3G/4G/5G/WiFi frequency bands
- Compact size
- Wall or pole mountings
- 3 to 5.5dBi Gain

General Description

The Oscar 40 is a great antenna solution covering many popular frequencies in use today. Its radome is UV and water resistant making it a great outdoor antenna.

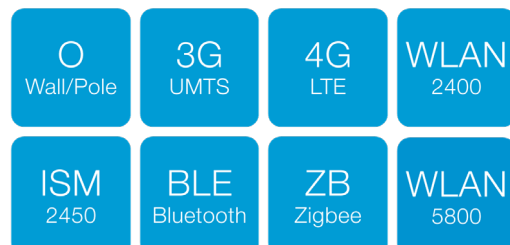
Suitable for discreet omni antenna applications where a longer one is undesirable. With a peak gain ranging from 3-5.5dBi, depending on frequency, the antenna out-performs many of the larger variants.

It is fitted with an aluminium bracket for wall mounting and supplied with a clamp for fitting to a standard mast.

Supplied as standard with an SMA male connector and 5m of cable. Alternative connectors or cable lengths can be specified for volume orders.

Additional Considerations

- RFID, ISM, WiFi bridging
- Public Wireless systems
- Covers cellular/PCS (US and worldwide)





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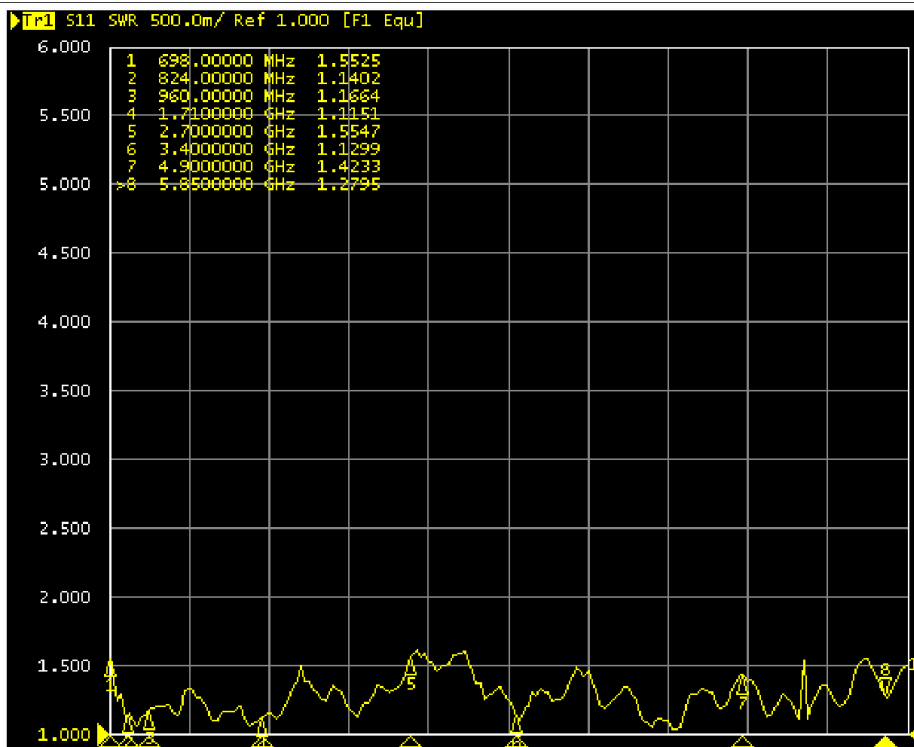
Electrical Specifications

Impedance:	50 Ohm
VSWR:	<1.5
Peak Gain:	3 - 5.5dBi
Frequency range:	698-960MHz / 1200 - 5850MHz
Max power:	50W
Polarization:	Vertical, Linear
Operating Temperature	-40°C ~ +70°C

Mechanical Specifications

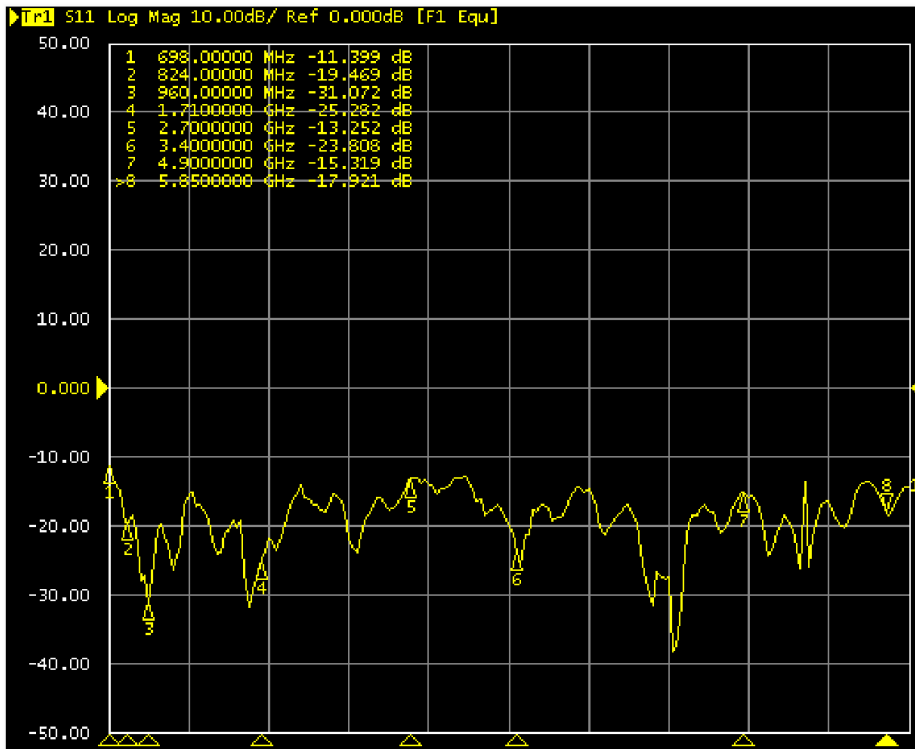
Dimensions:	L180 x Ø 60mm
Connector:	SMA Male
Radiator:	Aluminium
Radome:	PVC, UV protection
Lightning protection:	Direct ground
Wind loading:	180km/h
Mounting method:	Wall/Pole Mount

VSWR

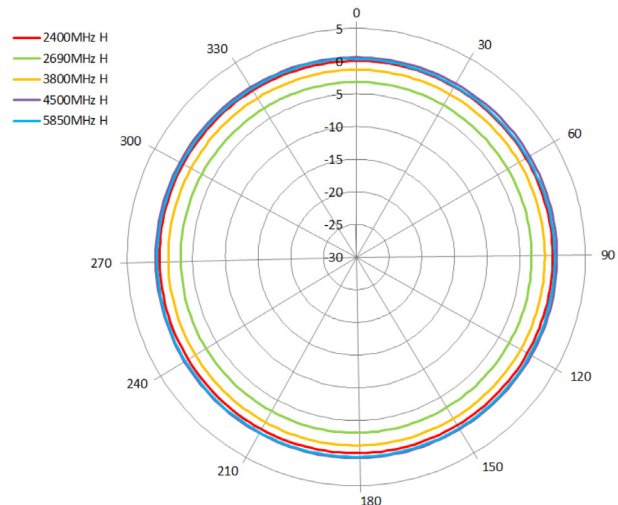
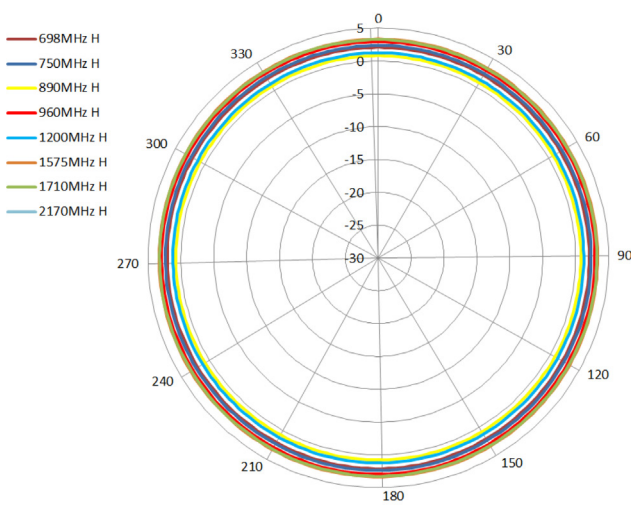




Return Loss



Radiation Patterns H Plane

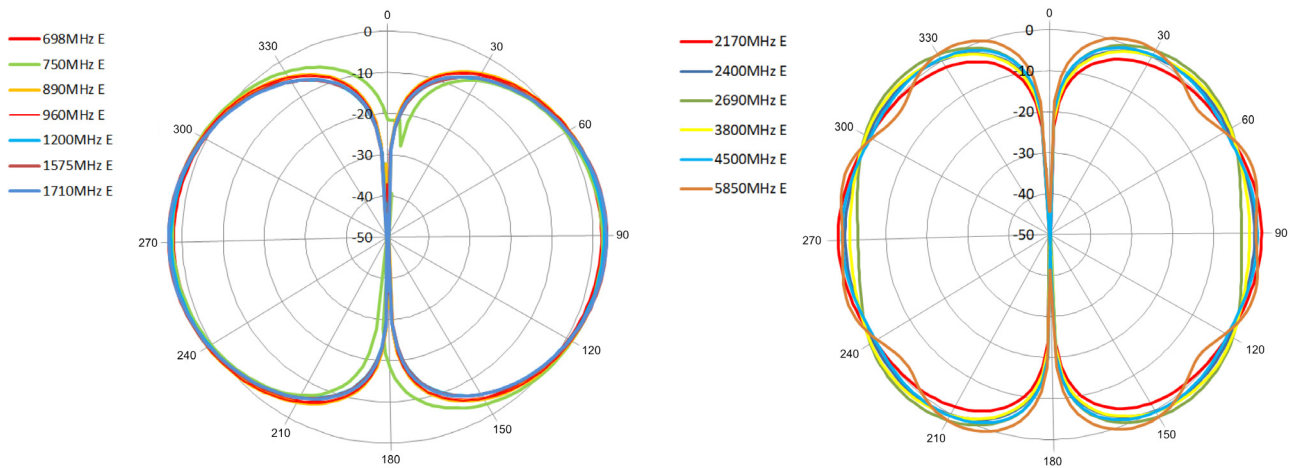




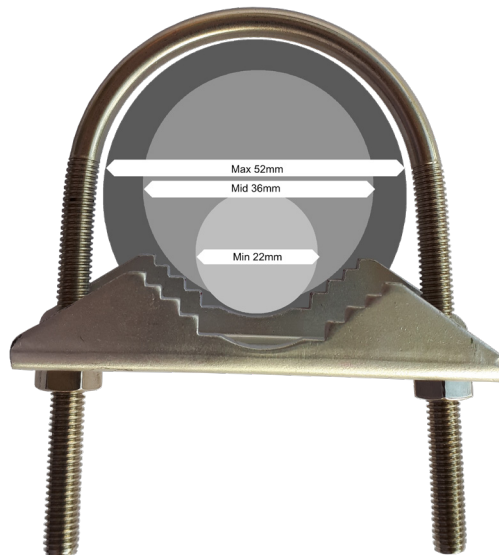
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E Plane



Pole Mounting Detail



Ordering Details

Part Number	Description
OSCAR40/5M/LL/SMAM/S/S/33	3G/4G/5G/WiFi Compact Omni Antenna