Oscar 420
3G/4G/WiFi MIMO Omni-directional Antenna

Key Features
- Weatherproof and UV Resistant
- MIMO Antenna
- Excellent peak gain at higher frequencies

General Description
The Oscar 420 is a great antenna covering many popular frequencies in use today.

Its radome is UV resistant and waterproof making it a great outdoor antenna.

Fitted with 0.4M RG58 tails ready for connection to standard or low loss cable for extended distance to the Transmitter/Receiver.

The Oscar 420 is fitted with an aluminium bracket for wall mounting and comes supplied with a clamp for fitting to a standard mast.

Additional Considerations
- Waterproof and UV resistant
- Covers a wide range of frequencies
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Electrical Specifications

- Temperature range: -30 - +70°C
- Gain:
  - 700-960MHz 3dBi
  - 1700-2700MHz 7dBi
- VSWR: <=3.2
- Frequency range: 700-960MHz, 1700-2700MHz
- Polarization: Vertical
- Wind Load: 120Km/h

Mechanical Specifications

- Dimensions: L360 x W74 x H74mm Ø
- Connector: N Female x2
- Cable: RG58
- Mounting method: U-bolts

Antenna 1

Return Loss

VSWR

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VAT Registration No. GB163 04 0349
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Antenna 2
Return Loss

VSWR

Ordering Details

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<td>3G/4G/WiFi MIMO Omni-directional antenna</td>
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Radiation Patterns Antenna 1
E-Plane
700MHz

H-Plane

800MHz

900MHz

E-Plane
H-Plane
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E-Plane
2100MHz

H-Plane

2200MHz

2400MHz
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Radiation Patterns Antenna 2
E-Plane

700MHz

H-Plane

800MHz

900MHz
Oscar 420
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E-Plane
1700MHz

H-Plane

1800MHz

1900MHz
Oscar 420
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E-Plane
2100MHz

H-Plane

2200MHz

2400MHz
Oscar 420
3G/4G/WiFi MIMO Omni-directional Antenna

E-Plane
2500MHz

H-Plane

2600MHz

2700MHz