

## 1-Port Omni Antennas

### > 80020249

790–960, 1425–3800, 5150–6000 MHz (SISO),  
Vertical Polarisation, 4.3-10 Connector

Type No.		80020249
Frequency range	MHz	790–960 1425–3800 5150–6000
Polarization		Vertical
Gain, typ.	dBi	≈ 2
Impedance	Ω	50
VSWR		790–806 MHz: < 1.7 806–960 MHz: < 1.5 1425–1710 MHz: < 2.0 1710–2200 MHz: < 1.4 2200–3800 MHz: < 1.6 5150–5300 MHz: < 2.4 5300–6000 MHz: < 2.0
Intermodulation IM3	dBc	1790–3960 MHz: < –140 (2 x 40 dBm carrier) 1710–3800 MHz: < –140 (2 x 40 dBm carrier) 5150–6000 MHz: not relevant
Max. power	W	50 (at 50 °C ambient temperature)
Input		4.3-10 female
Protection class		IP 30
Weight	g lb	Approx. 500 Approx. 1.1
Packing size	mm inches	278 x 278 x 171 10.9 x 10.9 x 6.7
Diameter	mm inches	258 10.2
Height	mm inches	94 (without connector) 3.7 (without connector)
Fire load	kWh	2.12
Material		Reflector: Aluminium. Radome: High impact polystyrol, colour: White.
Mounting		Three holes in the base enable a mounting on the ceiling. Two types of screws are supplied. For the 4.3-10 connector, a hole in the ceiling with a diameter of 35 mm   1.4 inches is required.
Available accessories		Broadband power splitters and tappers.

