



Order number: 78712045

Open text field 1:

- The antenna can be operated in all frequency ranges simultaneously
- The antenna needs no additional groundplane
- Materials: Reflector: PCB; radome: UV-ABS
- Colour: white

Hersteller: Kathrein



78712045 | 1-Port Omni

Product information "78712045 | 1-Port Omni"

CYLINDRICAL, Outdoor, 698–960 / 1710–2700 / 3300–4000 (SISO), V-Pol, 4.3-10 Connector

Frequency range:	698–960 MHz 1710–2700 MHz 3300–4000 MHz
Polarisation:	Vertical
Antenna gain at 698–960 MHz:	3.0 dBi
Antenna gain at 1710–2700 MHz:	4.0 dBi
Antenna gain at 3300–4000 MHz:	4.5 dBi
Azimuth beamwidth:	360 °
Elevation beamwidth:	698–960 MHz: 80 ° 1710–2700 MHz: 52 ° 3300–4000 MHz: 38 °
Impedance:	50 Ω
Maximum effective power:	100 W
VSWR:	< 1.8
Intermodulation IM3:	< –150 dBc (2 × 43 dBm carrier)
Input:	1 × 4.3-10 female
Type of mounting:	Pole-mounted (pole diameter: 38–52 mm)
Diameter:	66 mm
Höhe:	190 mm
Packing unit:	97 × 97 × 255 mm
Net weight:	~ 0.55 kg
Permissible ambient temperature:	-40 bis +65 °C