



Order number: 78712041

Open text field 1:

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

Hersteller: Kathrein

78712041 | 1-Port Omni

Product information "78712041 | 1-Port Omni"

380–6000 (SISO), Vertical Polarisation, 4.3-10 Connector

Frequency range:	380–520 MHz 600–960 MHz 1690–2700 MHz 2700–4300 MHz 4300–6000 MHz
Polarisation:	Vertical
Antenna gain at 380–520 MHz:	1.5 dBi
Antenna gain at 600–960 MHz:	2.5 dBi
Antenna gain at 1690–2700 MHz:	4.5 dBi
Antenna gain at 2700–4300 MHz:	5.0 dBi
Antenna gain at 4300–6000 MHz:	5.5 dBi
Impedance:	50 Ω
Maximum effective power:	50 W
VSWR:	380–520 MHz: ≤ 3.0 600–960 MHz: ≤ 2.0 1690–2700 MHz: ≤ 2.0 2700–4300 MHz: ≤ 2.0 4300–6000 MHz: ≤ 2.0
Intermodulation IM3:	< –153 dBc (2 × 43 dBm carrier)
Input:	1 × 4.3-10 female
Type of mounting:	Ceiling-mounted
Diameter:	285 mm (antenna only)
Höhe:	135 mm (antenna only)
Pigtail:	~ 300 mm
Net weight:	0.85 kg
Permissible ambient temperature:	-40 bis +65 °C