



Order number: 78712330

Open text field 1:

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

Hersteller: Kathrein

78712330 | 2-Port Direct.

Product information "78712330 | 2-Port Direct."

698–960 (MIMO), 1710–4000 (MIMO), Dual Polarisation, 4.3-10 Connector

Frequency range ¹⁾:	698–864 MHz 870–960 MHz 1710–2700 MHz 3300–4000 MHz
Polarisation:	Vertical, horizontal
Antenna gain ¹⁾:	698–864 MHz: 6.5 dBi 870–960 MHz: 6.5 dBi 1710–2700 MHz: 8.5 dBi 3300–4000 MHz: 7.5 dBi
Azimuth beamwidth:	698–864 MHz: 80 ° 870–960 MHz: 80 ° 1710–2700 MHz: 65 ° 3300–4000 MHz: 45 °
Elevation beamwidth:	698–864 MHz: 70 ° 870–960 MHz: 70 ° 1710–2700 MHz: 60 ° 3300–4000 MHz: 35 °
Impedance:	50 Ω
Maximum effective power ²⁾:	50 W
VSWR ¹⁾:	698–864 MHz: < 2.0 870–960 MHz: < 2.0 1710–2700 MHz: < 1.8 3300–4000 MHz: < 2.0
Isolation between ports:	> 20 dB
Intermodulation IM3:	< –150 dBc (2 × 43 dBm carrier)
Input:	2 x 4.3-10 female
Type of mounting:	Wall-mounted
Höhe:	47 mm (antenna only)
Packing unit:	435 × 210 × 85 mm
Dimensions:	315 × 197 × 70 mm (antenna only)
Pigtail:	~ 300 mm
Net weight:	~ 0.7 kg
Permissible ambient temperature:	-40 bis +65 °C

¹⁾ valid for port 1 and port 2

²⁾ per port