



Order number: 78712014

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

78712014 | 2-Port Omni

Product information "78712014 | 2-Port Omni"

698–960 (SISO), 1710–2700 (MIMO), Dual Polarisation, 4.3-10 Connector

Frequency range ¹⁾ :	698–800 MHz 800–960 MHz 1710– 2700 MHz 1710–1880 MHz 1880–2700 MHz
Polarisation:	Vertical, horizontal
Antenna gain ¹⁾ :	698–800 MHz: 1.5 dBi 800–960 MHz: 1.5 dBi 1710– 2700 MHz: 3.5 dBi 1710–1880 MHz: 4.0 dBi 1880–2700 MHz: 4.0 dBi
Impedance:	50 Ω
Maximum effective power ²⁾ :	50 W
VSWR ¹⁾ :	698–800 MHz: < 1.8 800–960 MHz: < 1.5 1710– 2700 MHz: < 1.5 1710–1880 MHz: < 1.8 1880–2700 MHz: < 1.5
Isolation between ports:	> 26 dB
Intermodulation IM3:	< –150 dBc (2 × 43 dBm carrier)
Input:	2 x 4.3-10 female
Type of mounting:	Ceiling-mounted
Diameter:	203 mm
Höhe:	113 mm
Packing unit:	170 × 180 × 180 mm
Pigtail:	~ 300 mm
Net weight:	~ 0.37 kg
Permissible ambient temperature:	-40 bis +65 °C

¹⁾ valid for port 1 and port 2

²⁾ per port