



Order number: 78712020

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

## 78712020 | 2-Port Omni

### Product information "78712020 | 2-Port Omni"

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

|                                         |                                               |
|-----------------------------------------|-----------------------------------------------|
| Frequency range <sup>1)</sup> :         | 698–960 MHz   1710–2700 MHz                   |
| Polarisation:                           | Dual vertical                                 |
| Antenna gain <sup>1)</sup> :            | 698–960 MHz: 3.0 dBi   1710–2700 MHz: 4.5 dBi |
| Impedance:                              | 50 Ω                                          |
| Maximum effective power <sup>2)</sup> : | 50 W                                          |
| VSWR <sup>1)</sup> :                    | 698–960 MHz: < 2.0   1710–2700 MHz: < 1.7     |
| Isolation between ports:                | > 20 dB                                       |
| Intermodulation IM3:                    | < –150 dBc (2 × 43 dBm carrier)               |
| Input:                                  | 2 x 4.3-10 female                             |
| Type of mounting:                       | Ceiling-mounted                               |
| Diameter:                               | 215 mm (antenna only)                         |
| Höhe:                                   | 47 mm (antenna only)                          |
| Packing unit:                           | 155 × 120 × 225 mm                            |
| Pigtail:                                | ~ 300 mm                                      |
| Net weight:                             | ~ 0.45 kg                                     |
| Permissible ambient temperature:        | -40 bis +65 °C                                |

<sup>1)</sup> valid for port 1 and port 2

<sup>2)</sup> per port