

## Diplexer DC-2700 / 3300-3800 Double

- Low Passive Inter-modulation 155 dBc
- Low VSWR & Insertion Loss
- High Isolation, Indoor & Outdoor, IP65
- Widely used for In-building Solutions



### Specifications

Model No.	9528022650
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#### Electrical characteristics

Frequency range	Port 1, Port 4 Port 2, Port 5	DC – 2700 MHz 3300 – 3800 MHz
Insertion loss		≤ 0.5 dB
VSWR		≤ 1.25
Isolation		≥ 50 dB
Impedance		50 Ohm
Surge protection		3 kA (10/350 μs pulse)
Passive intermodulation (IM3), 3rd order @ 2 x 20 W		≤ -155 dBc
DC-by-pass		Only on port 1,4 ↔ Port 3,6 (bidirectional) (max. 1A per input max. 60V DC (AISG Standard, 2.0, § 6.4))
Power Rating	Port 1, Port 4 Port 2, Port 5	500W (CW) max. per input port  60W (CW) max. per input port

#### Mechanical characteristics

Connectors		4.3-10 female
Dimensions, approx. (Excluding brackets and connectors)		Double: 92 x 94 x 170 mm (Width x Height x Depth)
Weight, approx.		12 kg
Wall / Mast mounting		Part of delivery

#### Environmental conditions

Class. of environmental conditions	ETSI EN 300019-1-1 Class 1.2 ETSI EN 300019-1-2 Class 2.3 ETSI EN 300019-1-4 Class 4.1E
Degree of protection	IP 65 (Outdoor)
Operation Ambient temperature range	-40 °C to +55 °C
Storage Ambient temperature range	-55 °C to +85 °C
Relative humidity, max.	95% (non-condensing)

Outline drawing

