

2-Way Reactive Power Splitter

5502.17.0050

Properties

- All joints are moisture sealed with O-rings to meet IP67
- The mechanical shape allows easy attachment to wall using the supplied clips
- The wide frequency range allows use with multiband antennas and leaky cable systems
- With few solder joints and an air dielectric, the loss has been minimized and reliability enhanced
- High Reliability, IP67
- Low Specified PIM



Ports

Port designation	Interface	Gender
Input 1	N	jack (female)
Output 1	N	jack (female)
Output 2	N	jack (female)

Electrical bands

	Signal band 1	Signal band 2
Frequency range	0.694 GHz ... 2.5GHz	2.5 GHz ... 3.8GHz
Return loss input port	> 20 dB	> 20 dB
Splitter loss	3 dB	3 dB
Insertion loss	< 0.1 dB	< 0.2 dB
Composit power max	300 W	300 W
Intermodulation distortion	< -161 dBc	< -161 dBc
@ 2 x carrier power	43 dBm	43 dBm

Electrical Data (impedance)

Characteristic impedance	50 Ω
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Mechanical data

Weight	0.21 kg
Width	28.5 mm
Height	28.5 mm
Depth	190 mm
Housing material and surface treatment	Aluminium / Passivated

Environmental data

Environment (application)	Indoor/Outdoor
Operation temperature	-35 °C ... 85 °C
Storage temperature	-35 °C ... 85 °C
Transport temperature	-35 °C ... 85 °C
Ingress protection (IP Rating)	IP67

Ordering Information Table

Item number	Item description
85029265	5502.17.0050

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DOCUMENT PIM-P1862 / Date of publication: 14.01.2025 / uncontrolled copy