

## 2-way reactive power splitter 5501.31.0020

### Reactive Splitter

#### Description

This 2-way power splitter has been designed to evenly split high power signals operating in UHF, cellular and 2.4 GHz WiFi bands with minimal reflections or loss.

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.



#### Technical Data

##### Electrical Data

	Signal Band 1	Signal Band 2
Frequency	0.38 - 0.69 GHz	0.69 - 2.7 GHz
Return Loss input port	17.6 dB	19 dB
Splitter Loss	3 dB	3 dB
Insertion Loss	0.1 dB	0.1 dB
Max. Composite Power	300 W	300 W
Peak Envelope Power	3000 W	3000 W
Intermodulation distortion	-161 dBc	-161 dBc
@ 2 x Carrier Power	43 dBm	43 dBm
Input 1		
Connector Type	4.3-10	
Connector Gender	jack (female)	
	Output 1	Output 2
Connector Type	4.3-10	4.3-10
Connector Gender	jack (female)	jack (female)
Char. impedance	50 Ω	

##### Mechanical Data

Dimensions	23 x 240.1 x 32 mm (Height x Width x Length)
Weight	0.65 kg

##### Environmental Data

Environmental conditions	indoor/outdoor
Operation temperature	-40 °C to 85 °C
Storage temperature	-40 °C to 85 °C
Transport temperature	-40 °C to 85 °C
IP rating	IP67
2011/65/EU (RoHS - including 2015/863 and 2017/2102)	compliant

##### Related Documents

Outline drawing	DOU-00319258
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