

## Low Loss 2-way Wilkinson Splitter, 694 MHz - 2700 MHz 5502.17.0030

### Wilkinson Splitter

#### Description

This Wilkinson style Power Divider has been designed for 50W low power applications where output isolation is preferable over lowest possible loss. The wide frequency range of this design allows use with multiband antennas and leaky cable systems. Lower loss dividers which enhance receive sensitivity and preserve transmitted power are available as reactive splitters. Supports LTE, UMTS/WCDMA, TD-SCDMA, AMPS, GSM, PCS, CDMA, WiFi / WLAN 2.4 GHz. Meets EN50155:2007 (Class T3).



#### Technical Data

##### Electrical Data

		Signal Band 1	
Frequency		0.694 - 2.7 GHz	
Return Loss input port		19 dB	
Return Loss output port		19 dB	
Splitter Loss		3 dB	
Insertion Loss		3.6 dB	
Isol. between Output ports		20 dB	
Ampl. tra. betw. outp. ports		0.3 dB	
Max. Composite Power		50 W	
		Input 1	
Connector Type		N	
Connector Gender		jack (female)	
		Output 1	Output 2
Connector Type		N	N
Connector Gender		jack (female)	jack (female)

Char. impedance 50 Ω

##### Mechanical Data

Dimensions 26 x 46 x 61 mm (Height x Width x Length)  
Weight 0.185 kg

##### Environmental Data

Environmental conditions indoor  
Operation temperature -30 °C to 70 °C  
Storage temperature -50 °C to 70 °C  
2011/65/EU (RoHS - including 2015/863 and 2017/2102) compliant

##### Related Documents

Outline drawing DPR-00172365  
3D-model (Step) DOC-0000369310

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