

### Low Loss 2-way Wilkinson Splitter 380 MHz - 2700 MHz 5501.17.0027

#### Wilkinson Splitter

#### **Description**

This Wilkinson style Power Divider has been designed for 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 Tetra, Tetrapol, LMR/P25, LTE, UMTS/WCDMA, TD-SCDMA, AMPS, GSM, PCS, CDMA, WiFi / WLAN 2.4 GHz.



#### **Technical Data**

#### **Electrical Data**

	Signal Band 1
Frequency	0.38 - 2.7 GHz
Return Loss input port	17 dB
Return Loss output port	17 dB
Splitter Loss	3 dB
Insertion Loss	0.8 dB
Isol. between Output ports	20 dB
Ampl. tra. betw. outp. ports	0.3 dB
Max. Composite Power	10 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** 

Char. impedance

Dimensions 19.6 x 87 x 102 mm (Heigth x Width x Length) Weight

0.37 kg

**Environmental Data** 

**Environmental conditions** Operation temperature -30 °C to 60 °C Storage temperature -30 °C to 60 °C Transport temperature -30 °C to 60 °C 2011/65/EU (RoHS - including compliant 2015/863 and 2017/2102)

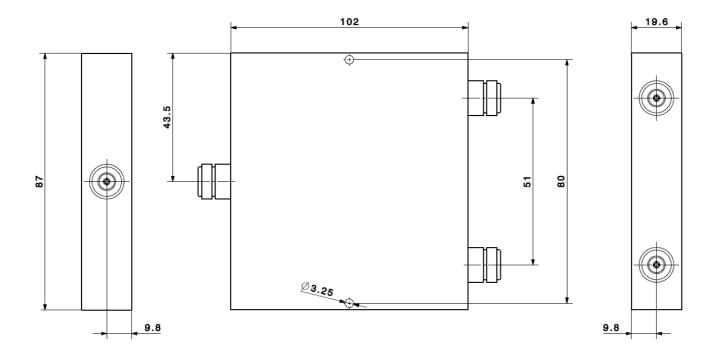
**Related Documents** 

Outline drawing DPR-00172188 DOC-0000369307 3D-model (Step)

## **Data Sheet**



# Low Loss 2-way Wilkinson Splitter 380 MHz - 2700 MHz 5501.17.0027



HUBER+SUHNER is certified according to ISO 9001, ISO 14001, AS/EN9100, ISO/TS 16949 and IRIS.

www.hubersuhner.com