

# Low Loss 4-way Wilkinson Splitter 694 MHz - 2700 MHz 5502.17.0032

## Wilkinson Splitter

### **Description**

This series of Wilkinson style Power Dividers 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.

Meets EN50155:2007 (Class T3).



#### **Technical Data**

#### **Electrical Data**

	Signal Band 1
Frequency	0.694 - 2.7 GHz
Return Loss input port	17 dB
Return Loss output port	17 dB
Splitter Loss	6 dB
Insertion Loss	6.9 dB
Isol. between Output ports	20 dB
Ampl. tra. betw. outp. ports	0.4 dB
Max. Composite Power	50 W

	Input 1
Connector Type	N
Connector Gender	jack (female)

	Output 1	Output 2	Output 3	Output 4
Connector Type	N	N	N	N
Connector Gender	jack (female)	jack (female)	jack (female)	jack (female)

Char. impedance 50  $\Omega$ 

**Mechanical Data** 

Dimensions 26 x 101 x 71 mm (Heigth x Width x Length)

Weight 0.395 kg

**Environmental Data** 

Environmental conditions indoor

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** 

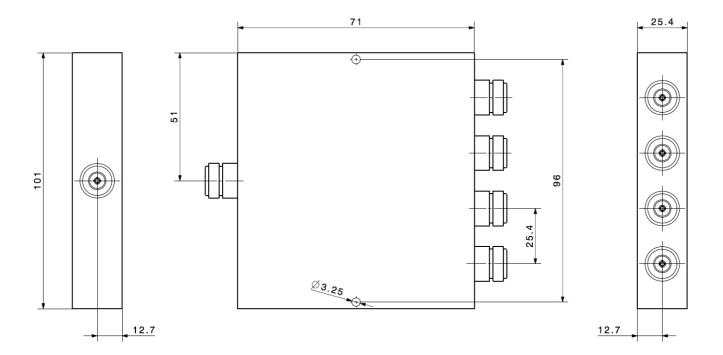
 Outline drawing
 DPR-00172368

 3D-model (Step)
 DOC-0000369312

# **Data Sheet**



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