Data Sheet



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).



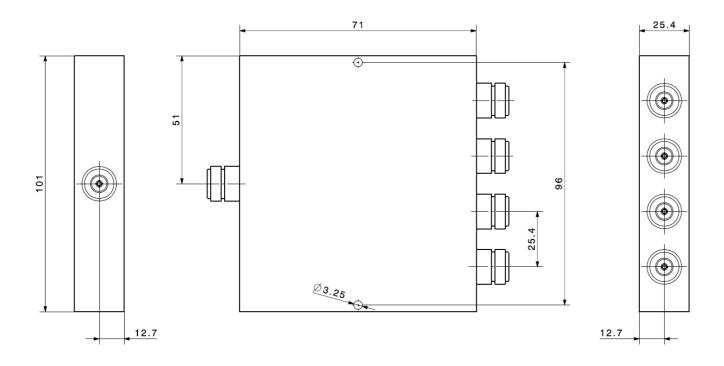
Technical Data

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	Ν			
Connector Gender	jack (female)			
	Output 1	Output 2	Output 3	Output 4
Connector Type	Ν	Ν	Ν	Ν
Connector Gender	jack (female)	jack (female)	jack (female)	jack (female)
Char. impedance	50 Ω			
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 2015/863 and 2017/2102)	compliant			
Material Data				
Piece Parts	Material			Surface Plating
Related Documents				
Outline drawing	DPR-00172368			
3D-model (Step)	DOC-0000369312			
	200 000000012			

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