Data Sheet

3-way reactive power splitter 5501.17.0031

Reactive Splitter

Description

This 3-way power splitters have been designed to evenly split high power signals operating in security, cellular and 2.4 GHz WiFi bands with minimal reflections or loss. All joints are moisture sealed with O-rings to meet IP67.

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. With few solder joints and an air dielectric, the loss has been minimized and reliability enhanced.



Technical Data

3D-model (Step)

Electrical Data Signal Band 1 0.38 - 2.7 GHz Frequency 19 dB Return Loss input port Splitter Loss 4.8 dB Insertion Loss 0.1 dB Ampl. tra. betw. outp. ports 0.3 dB Max. Composite Power 300 W -155 dBc Intermodulation distortion @ 2 x Carrier Power 43 dBm Input 1 Connector Type Ν Connector Gender jack (female) Output 1 Output 2 Output 3 Connector Type Ν Ν Ν jack (female) jack (female) Connector Gender jack (female) Char. impedance 50 O **Mechanical Data** Dimensions 28.5 x 28.5 x 262 mm (Heigth x Width x Length) Weight 0.37 kg **Environmental Data** Environmental conditions indoor/outdoor -35 °C to 85 °C Operation temperature Storage temperature -35 °C to 85 °C -35 °C to 85 °C Transport temperature IP rating IP67 2011/65/EU (RoHS - including compliant 2015/863 and 2017/2102) Material Data Piece Parts Material Surface Plating **Related Documents** Outline drawing DOU-00288930

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