DATA SHEET

Tapper 3 dB

5501.31.0002

Properties

- The innovative asymmetric design ensures an excellent input VSWR and coupling flatness across the band
- The lightweight design allows easy attachment to a wall using the supplied bracket
- Designed with only a few solder joints and an air dielectric, loss is minimized and reliability enhanced
- It supports public safety and cellular bands, as well as Wi-Fi 2.4



Ports		
Port designation	Interface	Gender
Main line in	4.3-10	jack (female)
Main line out	4.3-10	jack (female)
Tap port, 3.0 dB	4.3-10	jack (female)

Electrical bands		
	Band 1	**Band 2**
Frequency range	350 MHz ... 960MHz	1710 MHz ... 2700MHz
Return loss	≥ 15 dB	≥ 17 dB
Tapp loss	3 dB	3 dB
Insertion loss	≤ 1.8 dB	≤ 1.8 dB
Composit power max	300 W	300 W
Peak envelope power	2000 W	2000 W
Intermodulation distortion	≤ -161 dBc	≤ -161 dBc
@ 2 x carrier power	43 dBm	43 dBm

Electrical Data	
Characteristic impedance	50 Ω

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Mechanical data	
Weight	0.42 kg
Width	89 mm
Height	32 mm
Depth	32 mm
Housing material and surface treatment	Aluminium / Black paint

Environmental data	
Environment (application)	Indoor/Outdoor
Operation temperature	-40 °C ... 75 °C
Storage temperature	-40 °C ... 75 °C
Transport temperature	-40 °C ... 75 °C
Ingress protection (IP Rating)	IP67

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