

## Tapper 10 dB

5501.31.0010

### 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, 10.0 dB	4.3-10	jack (female)

### Electrical bands

	Band 1	Band 2	Band 3
Frequency range	350 MHz ... 960MHz	1710 MHz ... 1800MHz	1800 MHz ... 2700MHz
Return loss	≥ 20.8 dB	≥ 17.6 dB	≥ 20.8 dB
Tapp loss	10 dB	10 dB	10 dB
Insertion loss	≤ 0.4 dB	≤ 0.4 dB	≤ 0.4 dB
Composit power max	300 W	300 W	300 W
Peak envelope power	2000 W	2000 W	2000 W
Intermodulation distortion	≤ -161 dBc	≤ -161 dBc	≤ -161 dBc
@ 2 x carrier power	43 dBm	43 dBm	43 dBm

### Electrical Data (impedance)

Characteristic impedance	50 Ω
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<b>Mechanical data</b>	
Weight	0.42 kg
Width	89 mm
Height	32 mm
Depth	32 mm
Housing material and surface treatment	Aluminium / Black paint

<b>Environmental data</b>	
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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DOCUMENT PIM-P1871 / Date of publication: 25.04.2025 / uncontrolled copy