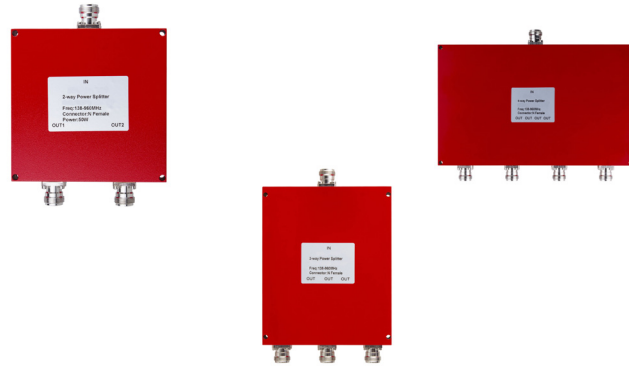


- ◆ Covers all Public Safety bands: VHF/ UHF/FirstNet/PS700/PS800/PS900
- ◆ 50 Watt Average Power
- ◆ Minimal RF Insertion Loss
- ◆ High Reliability, IP65
- ◆ RoHS Compliant
- ◆ Low Cost Design



Microlab Model DxW-PS-196FN series of 2, 3 and 4 way Wilkinson Splitters have been designed to evenly split all Public Safety band signals with minimal reflections or loss. The mechanical shape allows easy attachment to wall using the supplied bracket.

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.

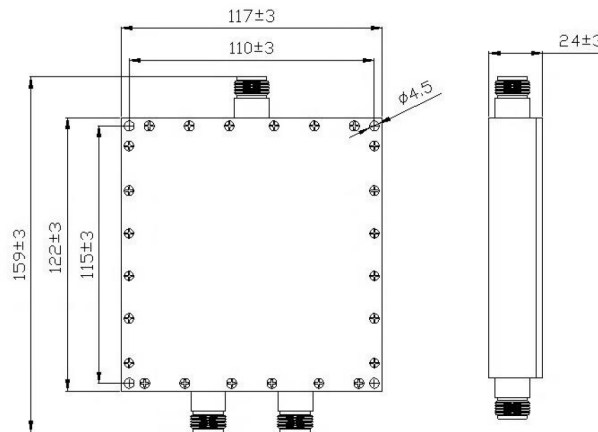
Impedance: 50Ω nominal  
 Power Rating: 50W avg  
 DC Pass: All ports  
 Temperature: -35°C to +65°C  
 Environment: IP65  
 Connectors: N-type (f)  
 Finish: Painted

Model Number	No. of Ways	Frequency Band, MHz	Split Loss	Isolation (dB)	Insertion Loss (dB)	Input VSWR	Weight, nom	
							lbs.	kg
D2W-PS-196FN	2	138-960	3	≥ 19	< 0.7	≤ 1.3:1	1.5	0.68
D3W-PS-196FN	3	138-960	4.8	≥ 18	≤ 1.2	≤ 1.3:1	1.91	0.86
D4W-PS-196FN	4	138-960	6	≥ 16	≤ 1.0	≤ 1.3:1	3.57	1.62

**Mechanical Outline**

Dimensions in mm

**D2W-PS-196FN**



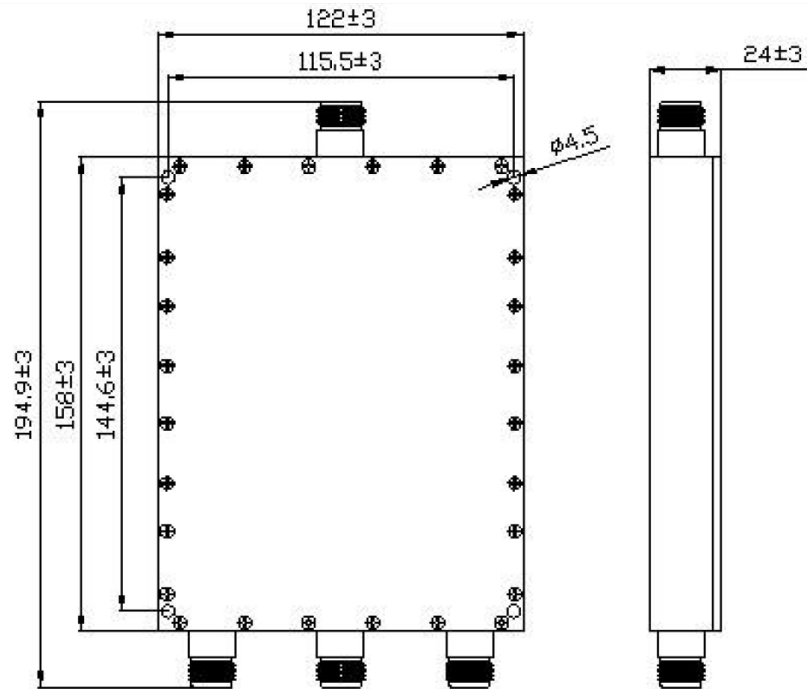
Note: Specifications are subject to change without prior notification.

18AUG2023

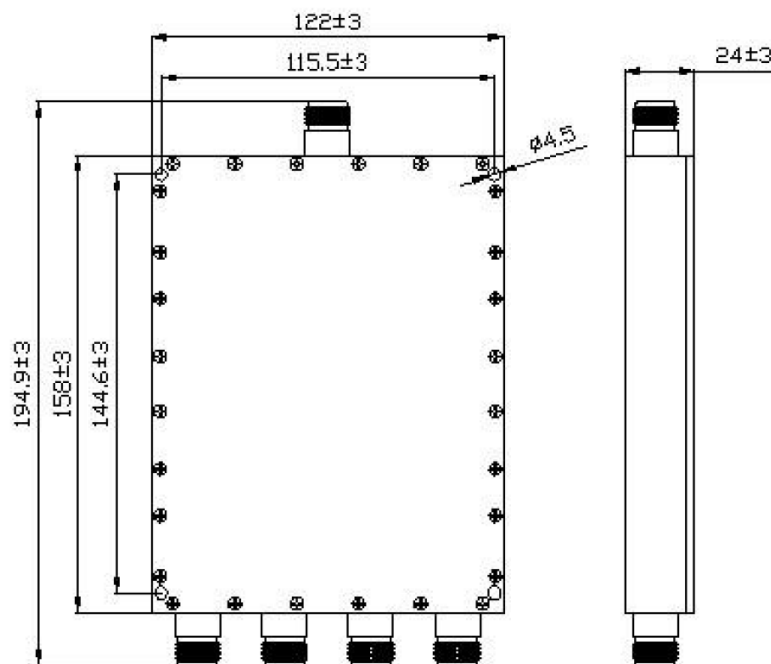
**Mechanical Outline**

Dimensions mm

**D3W-PS-196FN**



**D4W-PS-196FN**



Note: Specifications are subject to change without prior notification.