

Wideband Wilkinson Power Splitter

PSW-EH2AX /PSW-EH2NX

Low PIM (-153dBc), 138-4200MHz, 4.3-10 Female & N-Female, 50W

- Wideband operation (138–4200MHz) supporting Public Safety and C-Band application
- 2-way Wilkinson Power Splitter
- Rugged design for indoor and outdoor environments
- High reliability with low insertion loss

Electrical Specification

Product Model	PSW-EH2AX	PSW-EH2NX
	2-Way, 4.3-10 Type	2-Way, N-type
Frequency (MHz)	138-4200	
Split Loss (dB)	3.0	
Insertion Loss (dB)	≤ 0.4 @138-960MHz, ≤ 0.9 @960-2700MHz, ≤ 1.4 @2700-4200MHz,	
Isolation (dB)	≥ 14 @138-520MHz, ≥ 16 @520-960MHz, ≥ 18 @960-4200MHz	
VSWR@ all ports	≤ 1.38 @138-960MHz, ≤ 1.30 @960-4200MHz	
PIM (dBc)	≤ -153 @ 2 x 43dBm	
Average Power, max (W)	50	
Peak Power, max (W)	200	
Impedance (ohm)	50	

Mechanical Specification

Dimension (in/mm)	9.3x2.3x1.0 / 236.0x59.5x26.0
Weight (lb./kg)	1.9 / 0.84
Shipping Dimension(in/mm)	11.8x4.0x1.5 / 300.0x100.0x38.0
Shipping Weight(lb./kg)	2.0 / 0.88
Connector	PSW-EH2AX @ 4.3-10 Female PSW-EH2NX @ N-Female

Environment & Compliance

Application	Indoor / Outdoor
Operating Temperature	-30°C to +85°C
Environment	IP65
Relative Humidity	Up to 95%
RoHS	Compliant

Outline Drawing

