

Wideband Power Splitter

PS-E2-ON50M(XH) /PS-E3-ON50M(XH)/PS-E4-ON50M(XH)

2/3/4Way, Low PIM(-153dBc), 138-960MHz, N Female, 50W

- Wilkinson power splitter for Public Safety Band
- Wideband design covering 138-960MHz Public Safety Band (VHF, UHF & 700/800MHz)
- Suitable for indoor/outdoor environment
- High reliability and low insertion loss



Electrical Specification

Product Model	PS-E2-ON50M(XH)	PS-E3-ON50M(XH)	PS-E4-ON50M(XH)
	2-Way	3-Way	4-Way
Frequency (MHz)		138-960	
Split Loss (dB)	3.0	4.8	6.0
Insertion Loss (dB). typical	0.5	0.8	0.7
Isolation (dB)	≥ 20	≥ 18	≥ 20
VSWR @ all ports. typical	1.2	1.25	1.25
PIM (dBc) @700MHz	≤ -153 @ 2 x 43dBm	≤ -146 @ 2 x 43dBm, typical -150	≤ -153 @ 2 x 43dBm
Average Power, max (W)		50	
Impedance (ohm)		50	

Mechanical Specification

Dimension (in/mm)	5.14x4.70x0.87 / 130.5x119.5x22.0	7.44x4.92x0.87 / 189.0x125.0x22.0	6.83x6.12x0.87 / 173.5x155.5x22.0
Weight (lb./kg)	1.28 / 0.63	2.02 / 0.91	2.30 / 1.04
Shipping Dimension (in/mm)	7.48x6.10x1.57 / 190.0x155.0x40.0	10.43x6.30x1.57 / 265.0x160.0x40.0	9.65x7.87x1.57 / 245.0x200.0x40.0
Shipping Weight (lb./kg)	1.59 / 0.72	2.34 / 1.06	2.65 / 1.20
Connector Type	N Female	N Female	N Female

Environment & Compliance

Application	Indoor / Outdoor	Operating Temperature	-25°C to +85°C
Environment	IP65	Relative Humidity	Up to 95%
RoHS	Compliant		

Outline Drawing

