

Wideband Power Splitter

PS-K2-ON50M(XH)/PS-K3-ON50M(XH)/PS-K4-ON50M(XH)
 2/3/4Way, Low PIM(-153dBc), 555-2700MHz, N Female, 50W

- Wilkinson power splitter
- Wideband design covering 555-2700MHz
- Suitable for indoor/outdoor environment
- High reliability and low insertion loss



Electrical Specification

Product Model	PS-K2-ON50M(XH)	PS-K3-ON50M(XH)	PS-K4-ON50M(XH)
	2-Way	3-Way	4-Way
Frequency (MHz)	555-2700		
Split Loss (dB)	3.0	4.8	6.0
Insertion Loss (dB)	≤ 0.5	≤ 0.7	≤ 0.8
Isolation (dB)	≥ 20	≥ 18	≥ 18
VSWR @ all ports	≤ 1.2	≤ 1.3	≤ 1.3
PIM (dBc)	≤ -153 @ 2 x 43dBm		
Average Power, max (W)	50		
Impedance (ohm)	50		

Mechanical Specification

Dimension (in/mm)	PS-K2-ON50M(XH)	PS-K3-ON50M(XH)	PS-K4-ON50M(XH)
Dimension (in/mm)	3.13x5.09x0.87 / 79.4x129.4x22.0	5.18x5.31x0.87 / 131.6x135.0x22.0	6.59x5.68x0.87 / 167.4x144.2x22.0
Weight (lb/kg)	0.64 / 0.29	1.28 / 0.58	1.72 / 0.78
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 100%
RoHS	Compliant		

Outline Drawing

