

Ultra Wideband Power Splitter

PS-HSx-OMD300CI

2/3/4 Way, Low PIM(-161dBc), 555-6000MHz, 4.3-10 Female

- Reactive type power splitter
- Wideband design covering 555-6000MHz
- 2G/3G/4G LTE network, CBRS, C-Band and sub-6GHz for 5G
- Suitable for indoor/outdoor environment
- High reliability and low insertion loss



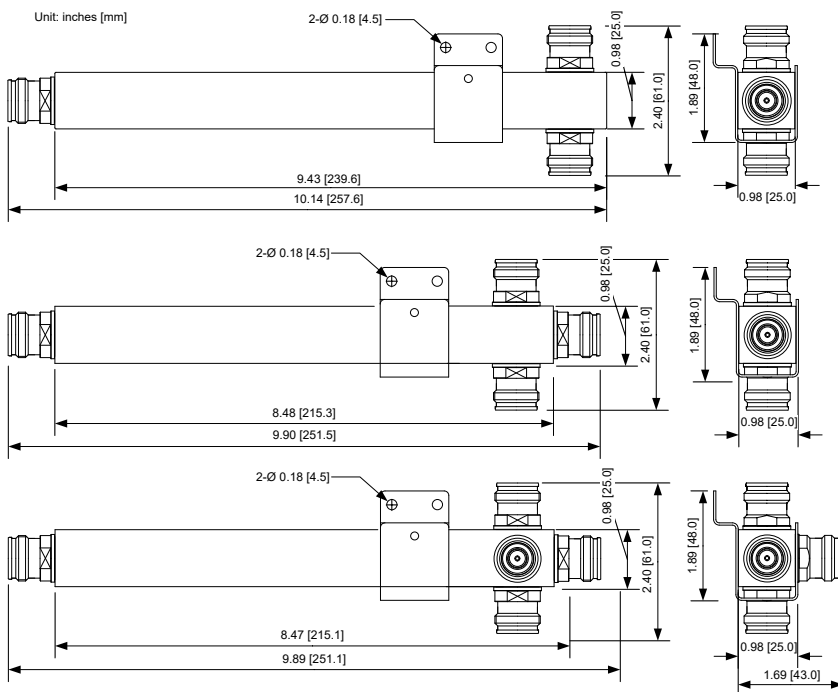
Electrical Specification

Product Model	PS-HS2-OMD300CI	PS-HS3-OMD300CI	PS-HS4-OMD300CI
	2-Way	3-Way	4-Way
Frequency (MHz)		555-6000	
Split Loss (dB)	3.0	4.8	6.0
Insertion Loss (dB)			
@555-2700MHz	≤ 0.30	≤ 0.30	≤ 0.50
@2700-4200MHz	≤ 0.30	≤ 0.45	≤ 0.65
@4200-5000MHz	≤ 0.30	≤ 0.50	≤ 0.80
@5000-6000MHz	≤ 0.35	≤ 0.90	≤ 1.50
VSWR @ input port	≤ 1.25	≤ 1.25 @ 555-4200MHz ≤ 1.30 @ 4200-6000MHz	≤ 1.25 @ 555-4200MHz ≤ 1.30 @ 4200-6000MHz
PIM (dBc)		≤ -161 @ 2 x 43dBm	
Average Power, max (W)		300	
Peak Power, max (W)		1000	
Impedance (ohm)		50	

Mechanical Specification

Dimension (in/mm)	10.14x2.40x0.98 / 257.6x61.0x25.0	9.89x2.40x0.98 / 251.1x61.0x25.0	9.89x2.40x1.69 / 251.1x61.0x43.0
Weight (lb/kg)	0.95 / 0.43	0.97 / 0.44	1.04 / 0.47
Shipping Dimension (in/mm)	12.80x3.54x1.57 / 325.0x90.0x40.0	12.80x3.54x1.57 / 325.0x90.0x40.0	12.40x3.94x2.56 / 315.0x100.0x65.0
Shipping Weight (lb/kg)	1.2 / 0.55	1.2 / 0.56	1.4 / 0.63
Connector Type	4.3-10 Female	4.3-10 Female	4.3-10 Female

Outline Drawing



Environment & Compliance

Application	Indoor / Outdoor
Operating Temperature	-35°C to +85°C
Environment	IP65
Relative Humidity	Up to 95%
RoHS	Compliant