

Wideband Tapper

CO-FSxx-OMD300C(I)

Low PIM (-161dBc), 340-5850MHz, 4.3-10 Female, 300W

- Wideband design covering 340-5850MHz
 - Public Safety Band(UHF, 700/800), CBRS and LTE-U/LTE-LAA
- Available in 5, 6, 10, & 13dB values
- Suitable for indoor/outdoor environment
- High reliability and low insertion loss



Electrical Specification

Product Model	CO-FS05-OMD300C(I)	CO-FS06-OMD300C(I)	CO-FS10-OMD300C(I)	CO-FS13-OMD300C(I)
Frequency (MHz)	340-520/ 550-960/1710-2700/3500-4500/4900-5850			
Coupling (dB)	5.0	6.0	10.0	13.0
Coupling Tolerance (dB)				
@340-520MHz	± 1.3	± 1.3	± 1.4	± 1.4
@550-960MHz/1710-2700MHz	± 1.0	± 1.0	± 1.3	± 1.3
@3500-4500MHz	± 1.0	± 1.0	± 1.3	± 1.3
@4900-5850MHz	± 1.4	± 1.4	± 1.5	± 1.5
Insertion Loss (dB)				
@340-520MHz	≤ 1.9	≤ 1.4	≤ 0.5	≤ 0.5
@550-960MHz/1710-2700MHz	≤ 1.9	≤ 1.5	≤ 0.6	≤ 0.5
@3500-4500MHz	≤ 2.2	≤ 1.6	≤ 0.7	≤ 0.6
@4900-5850MHz	≤ 2.2	≤ 1.6	≤ 0.7	≤ 0.6
VSWR @ input port	≤ 1.4	≤ 1.35	≤ 1.25	≤ 1.25
PIM (dBc)	≤-161 @ 2 x 43dBm			
Average Power, max (W)	300			
Peak Power, max (W)	3000			
Impedance (ohm)	50			

Mechanical Specification

Dimension (in/mm)	5.85x1.79x0.98 / 148.6x45.5x25.0
Weight (lb/kg)	0.58 / 0.26
Connector	4.3-10 Female

Environment & Compliance

Application	Indoor / Outdoor
Operating Temperature	-35°C to +85°C
Environment	IP65
Relative Humidity	Up to 100%
RoHS	Compliant

Outline Drawing

