

Wideband Tapper

PM-AS-CO-FSxx-OA300C61-BX (xx=05,06...or 30, Preconfigured Coupling Value)

5,6,7,8,10,13,15,20,30dB,340-5850MHz,4.3-10-Female,300W

Electrical Specifications

Parameters		Unit	Specification			
			PM-AS-CO-FS05-O A300C61-BX	PM-AS-CO-FS06-O A300C61-BX	PM-AS-CO-FS07-O A300C61-BX	PM-AS-CO-FS08-OA 300C61-BX
Frequency Range		MHz	340-520/ 550-960/1710-2700/3500-4500/4900-5850			
Coupling		dB	5	6	7	8
Coupling Tolerance	@340-520MHz	dB	± 1.0	± 1.0	± 1.3	± 1.3
	@550-960/1710-2700MHz		± 1.0	± 1.0	± 1.0	± 1.0
	@3500-4500MHz		± 1.0	± 1.0	± 1.0	± 1.0
	@4900-5850MHz		± 1.0	± 1.0	± 1.4	± 1.4
Insertion Loss	@340-520MHz	dB	≤ 1.9	≤ 1.4	≤ 1.2	≤ 1.0
	@550-960/1710-2700MHz		≤ 1.9	≤ 1.5	≤ 1.2	≤ 1.0
	@3500-4500MHz		≤ 2.0	≤ 1.6	≤ 1.3	≤ 1.1
	@4900-5850MHz		≤ 2.2	≤ 1.6	≤ 1.3	≤ 1.1
VSWR @	@555-960/1710-2700MHz		≤ 1.35	≤ 1.35	≤ 1.35	≤ 1.35
Input Port	@340-520//4900-5850MHz		≤ 1.50	≤ 1.50		
PIM3 at 2x43 dBm		dBc	≤-161			
Impedance			50			
Average Power, Max.		W	300			
Peak Power, Max.		W	3000			

Parameters		Unit	Specification			
			PM-AS-CO-FS10-O A300C61-BX	PM-AS-CO-FS13-O A300C61-BX	PM-AS-CO-FS15-O A300C61-BX	PM-AS-CO-FS20/30- OA300C61-BX
Frequency Range		MHz	340-520/ 550-960/1710-2700/3500-4500/4900-5850			
Coupling		dB	10	13	15	20/30
Coupling Tolerance	@340-520MHz	dB	± 1.4	± 1.4	± 1.5	± 1.7/± 2.0
	@550-960/1710-2700MHz		± 1.3	± 1.3	± 1.4	± 1.5/± 1.5
	@3500-4500MHz		± 1.3	± 1.3	± 1.4	± 1.5/± 1.5
	@4900-5850MHz		± 1.5	± 1.5	± 1.6	± 1.8/± 2.0
Insertion Loss	@340-520MHz	dB	≤ 0.5	≤ 0.5	≤ 0.3	≤ 0.2/≤ 0.2
	@550-960/1710-2700MHz		≤ 0.6	≤ 0.5	≤ 0.3	≤ 0.2/≤ 0.2
	@3500-4500MHz		≤ 0.7	≤ 0.6	≤ 0.4	≤ 0.2/≤ 0.2
	@4900-5850MHz		≤ 0.7	≤ 0.6	≤ 0.4	≤ 0.2/≤ 0.2
VSWR @ input port			≤ 1.3	≤ 1.25	≤ 1.25	≤ 1.25/≤ 1.25
PIM3 at 2x43 dBm		dBc	≤-161			
Impedance			50			
Average Power, max		W	300			
Peak Power, max		W	3000			

Mechanical Specifications

Parameters	Unit	Specifications
Product Dimension, HxWxD	mm	138x45x25
Product Weight	kg	0.23
Packing Dimension	mm	175x88x38
Packing Weight	kg	0.3
Connector Type		4.3-10-Female
Operational Temperature	°C	-35~+85
Relative Humidity	%	Up to 100
Environmental Protection		IP65

Outline Drawing

