

Outdoor Wide-band Directional Coupler

PM-AS-DC-KHxx-ON300C60-LX (xx=05,06,08...or 30, Preconfigured Coupling Value)

5,6,7,8,10,13,15,20,30dB,698-4000MHz,N-Female,300W

- Wide-band design covers 698-4000MHz range
- Low main line loss with high reliability

Electrical Specifications

Parameters	Unit	Specifications				
		PM-AS-DC-KH0 5-ON300C60-L X	PM-AS-DC-KH0 6-ON300C60-L X	PM-AS-DC-KH0 7-ON300C60-L X	PM-AS-DC-KH0 8-ON300C60-L X	PM-AS-DC-KH 10-ON300C60- LX
Frequency Range	MHz	698-4000				
Coupling Value	dB	5	6	7	8	10
Coupling Tolerance	dB	±1.0	±1.0	±1.0	±1.0	±1.0
Insertion Loss	dB	≤2.1	≤1.7	≤1.4	≤1.2	≤1.0
Isolation	dB	≥23	≥24	≥25	≥26	≥28
Input Port VSWR		≤1.3				
PIM3 at 2x43 dBm	dBc	≤-160				
Impedance	Ω	50				
Input Average Power	W	300				

Parameters	Unit	Specifications			
		PM-AS-DC-KH13-O N300C60-LX	PM-AS-DC-KH15-O N300C60-LX	PM-AS-DC-KH20-ON 300C60-LX	PM-AS-DC-KH30-ON3 00C60-LX
Frequency Range	MHz	698-4000			
Coupling Value	dB	13	15	20	30
Coupling Tolerance	dB	±1.0	±1.2	±1.2	±1.2
Insertion Loss	dB	≤0.7	≤0.5	≤0.4	≤0.3
Isolation	dB	≥31	≥33	≥38	≥47
Input Port VSWR		≤1.3			
PIM3 at 2x43 dBm	dBc	≤-160			
Impedance	Ω	50			
Input Average Power	W	300			

Mechanical Specifications

Parameters	Unit	Specifications
Product Dimension, HxWxD	mm	158x66x23
Product Weight	kg	0.25
Connector Type		N-Female
Operational Temperature	°C	-30~+65
Environmental Protection		IP65

Outline Drawing

