

555-6000MHz Directional Coupler

- Wideband frequency range: 555-6000MHz
- Excellent PIM, -163dBc Guaranteed
- 200 watts average high power rating
- Minimal RF insertion loss
- IP66 for both indoor and outdoor operations
- Connector options: 4.3-10(f), N-Female



Product Specifications:

Electrical								
Model No.	DC05-560-43F	DC06-560-43F	DC08-560-43F	DC10-560-43F	DC13-560-43F	DC15-560-43F	DC20-560-43F	DC30-560-43F
Frequency Range (MHz)	555-6000MHz							
VSWR	1.20:1@555-2700MHz / 1.25:1@2700-3800MHz / 1.3:1@3800-6000MHz							
Coupling Loss, dB	5	6	8	10	13	15	20	30
Coupling Tolerance, dB	5.0 ± 1.15	6.0 ± 1.2	8.0 ± 1.2	10.0 ± 1.25	13.0 ± 1.3	15.0 ± 1.35	20.0 ± 1.4	30.0 ± 1.55
Isolation, dB	23dB@555-3800MHz 21dB@3800-4900MHz 17dB@4900-6000MHz	24dB@555-3800MHz 22dB@3800-4900MHz 18dB@4900-6000MHz	27dB@555-2700MHz 24dB@2700-4900MHz 21dB@4900-6000MHz	30dB@555-2700MHz 26dB@2700-6000MHz	33dB@555-2700MHz 29dB@2700-4900MHz 26dB@4900-6000MHz	33dB @ 555-3800MHz 32dB @ 3800-4900MHz 28dB @ 4900-6000MHz	35dB @ 555-4900MHz 30dB @ 4900-6000MHz	41dB @ 555-4900MHz; 35dB @ 4900-6000MHz
Insertion Loss, dB	2.45	1.9	1.25	0.8	0.6	0.5	0.3	0.3
Power Rating, Watts	200							
PIM 3 rd @2*43dBm,	-163							
Input Impedance, Ohm	50							
Mechanical								
Connectors	4.3-10 Female							
Dimensions, L*W*H, mm	156.5 x 60 x 29.5	156.5*60*23.5			159*62*22			
Net Weight, g	0.34							
Temperature Range, °c	-25 ~ +65							
IP Level	IP66							
Applications	Indoor & Outdoor							
RoHS	Compliant							