

## 698-3800MHz Low PIM Directional Coupler

- Excellent passive intermodulation (PIM),  
-160dBc guaranteed.
- Wideband frequency range: 698-3800MHz
- 200 watts average high power rating
- Minimal RF insertion loss
- IP65 for both indoor and outdoor operations



### Product Specifications:

Electrical					
Model No.	DC06-738-43F	DC10-738-43F	DC15-738-43F	DC20-738-43F	DC30-738-43F
Frequency Range (MHz)	698-3800				
VSWR	1.2 @ 698-2700MHz; 1.3 @ 2701-3800MHz				
Coupling Loss, dB	6.0	10	15	20	30
Coupling Tolerance, dB	±1.05	±1.05	±1.05	±1.05	±1.55
Insertion Loss, dB	1.85	0.8	0.5	0.3	0.3
Isolation, dB	24	26.5	31	36	45
Power Rating, Watt	200				
Maximum Reflected Power, Watt	40	100	200	200	200
Maximum Peak Power, Watt	2000				
Passive Intermodulation(PIM), 3 <sup>rd</sup> order@2*43dBm, dBc	-160				
Input Impedance, Ohm	50				
Mechanical					
Connectors	4.3-10 Female				
Dimensions, mm	165*65*22				
Weight, g	390				
Temperature Range, °c	-30 ~ +75				
IP Level	IP65				
Applications	Indoor & Outdoor				

## Engineering Drawings

