Directional Coupler, 698-2700 MHz, Low PIM

Pulse Part Number DASCOUPxxDBNF Series





Directional Couplers are used when part of a signal needs to be separated off. Typical coupling ranges are from 3 dB to 50 dB

Features

- IP 65
- Industry leading <-160 dBc PIM rating
- Covers Cellular bands and WiMAX from 698-2700 MHz
- RoHS Compliant

Applications

- May be used in place of power splitters when a known value of coupling is needed
- In Building and Outdoor DAS Systems requiring best PIM performance

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1 360 944 7551

Europe
49 7032 7806 0

China
86 512 6807 9998

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Electrical Specifications

Frequency (MHz)	698-2700 MHz	
Nominal Impedance Ω	50Ω	
VSWR	≤1.20	
Insert Loss at Band	DASCOUP10DBNF	≤0.7dB @698-2700 MHz
Isolation at Band	DASCOUP10DBNF	≥30dB @ 698-2700 MHz
Insert Loss at Band	DASCOUP6DBNF	≤1.6dB @698-2700 MHz
Isolation at Band	DASCOUP6DBNF	≥26dB @ 698-2700 MHz
Directivity	≥20 dB	
PIM	≤ -155 dBc (@ 243*43dBm)	
Average Power Max	200 Watts	
Peak Power Max	1000 Watts	
Coupling	DASCOUP6DBNF	6 dB
Coupling	DASCOUP10DBNF	10 dB
Coupling Tolerance	± 1.0 dB	

Environmental Specifications

Operating Temperature	-30+85 ° C
Relativy Humidity	Up to 100%

Mechanical Specifications

Connecto	N Female
Color	Black
Inner Contact Plating	Silver
Outer Trimetal Plating	Trimetal

For More Information

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