

PN: HRT-DQ(2000/8000)-20S

50 ohms 20dB SMA-Female Directional Coupler From 2GHz to 8GHz Rated at 50 Watts



Directional Coupler

- Low Insertion Loss
- Low Coupling Flatness
- High Directivity
- Excellent Reliability
- Customization available

The HRT-DQ(2000/8000)-20S is a 20dB directional coupler that operates from 2 to 8 GHz and can handle up to 50 Watts . This SMA directional coupler offers 20 dB directivity and 1.2:1 max VSWR. The package interface uses SMA on all of the ports.





Electrical Specifications						
Parameters	Units		Specifications			
Frequency Range	MHz		2000-8000			
Nominal Coupling	dB		20			
Nominal Coupling Loss	dB		0.04			
Coupling Flatness	dB	Max	±1.0			
Directivity	dB	Min	20			
Insertion Loss (Excluding Nominal Coupling Loss)	dB	Max	0.4			
VSWR Primary	/	Max	1,2:1			
VSWR Secondary	/	Max	1.2:1			
Power Handling	50 Watts cw (Forward Power)					

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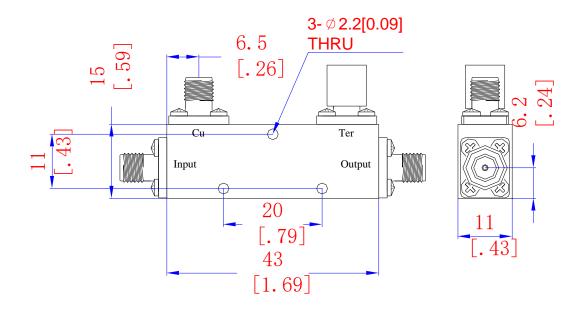
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Mechanical Specifications		Environmental Specification		
Parameter	Specification	Parameter	Specification	
Input and Output Connectors	SMA-Female (50 Ω)	Operating Temp.	-40°C to +70°C	
Coupling Port Connector	SMA-Female (50 Ω)	Storage Temp.	-55℃ to +85℃	
ROHS	Yes	Environment Class	TBD	
Material	Aluminum (6061)	Alched	30,000 ft.	
Weight(Kg)	TBD	Altitude	(Epoxy Sealed Controlled environment)	
Suface Finish	Black Painted	Humidity	95%RH at 40°C	
Shock	20G for 11msec half sine wave,3 axis both directions			
Note				

Outline Drawing:

All Dimensions in mm (inches)
Outline Tolerances ±0.3(0.012)



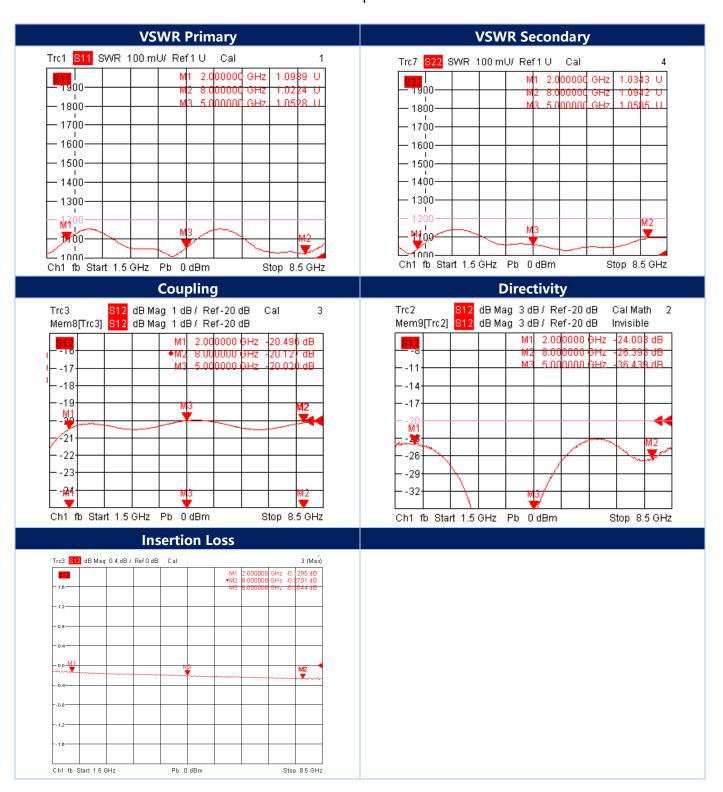
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