

Directional Coupler RFDCF505-108

Features:

- Flat Coupling
- Broadband
- Economical
- Small & Rigid design

Description:

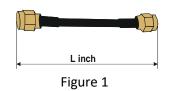
The RFDCF505-108 is a 9 dB \pm 0.5 dB coupling Directional coupler. RFDCF505-108 offers an industry leading combination of operating bandwidth and size. The low insertion loss makes this product a versatile for use in a variety of systems and sub system designs.

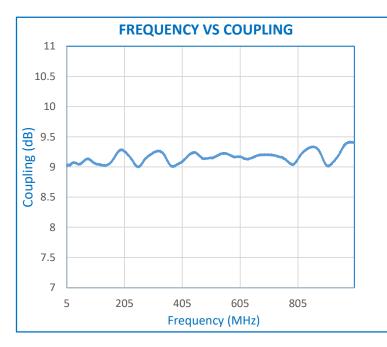
Applications:

- ISM Band
- Cellular
- Audio

Optional Accessories:

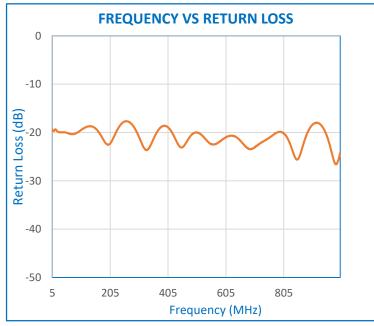
- SMA(M) to SMA(M) 50 Ohms cable as per user requirement (Figure. 1)
- 50Ω Termination
- Directional Coupler Kit







Electrical Specifications:	
Frequency Range:	5MHz to 1.0 GHz
Insertion Loss:	1.7 dB (Max.)
Input Power:	+27dBm (Max.)
Coupling:	9dB ± 0.5 dB
Return Loss (Input):	-15 dB Min
Return Loss (Output):	-25 dB Min
Operating temperature:	0 °C to 50 °C
In/Out Connector:	SMA (F)
Mechanical Specification:	
Dimension (L x W x H) (mm):	L = 61.5 L' = 42.5 B = 42.5 H = 16.9
Shape:	Rectangular Cuboidal Shape
Weight:	55gm



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A. Electrical specification and Performance data contained in this specification document are based on RFME's applicable established test performance criteria and measurement instruction. B. The parts covered by this specification document are subject to RFME standard limited warranty and terms & conditions.