

Directional Coupler RFDCF505-108

Features:

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

Description:

The RFDCF505-108 is a 9 dB ± 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

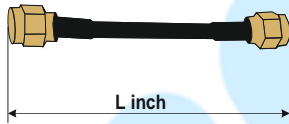
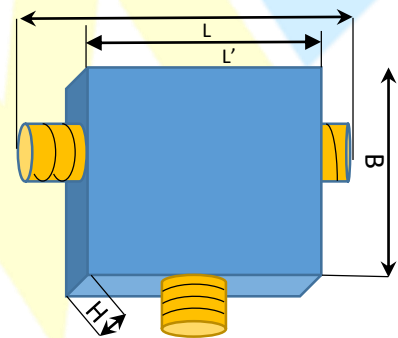
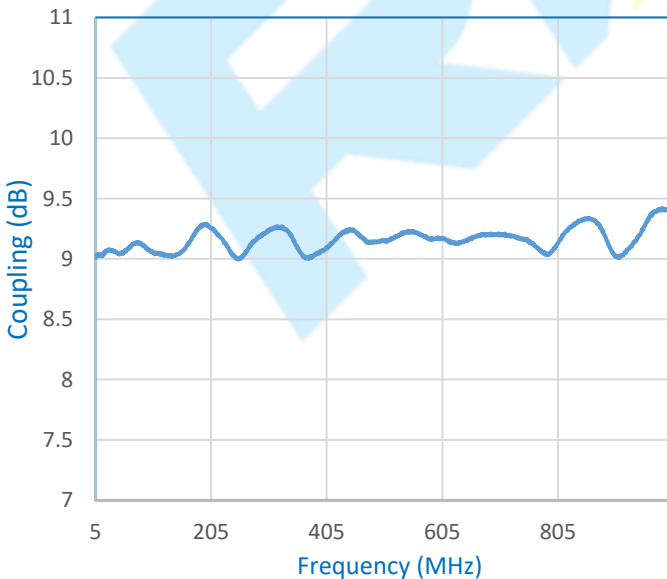


Figure 1



Electrical Specifications:	
Frequency Range:	5MHz to 1.0 GHz
Insertion Loss:	-1.7 dB
Input Power:	+27dBm
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):	 <p>L = 61.5 L' = 42.5 B = 42.5 H = 16.9</p>
Shape:	Rectangular Cuboidal Shape
Weight:	55gm

FREQUENCY VS COUPLING



FREQUENCY VS INSERTION LOSS

