

Directional Coupler RFDCF108-278

Features:

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

Description:

The RFDCF108-278 is a Broadband Flat coupling Directional coupler. RFDCF108-278 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
- Bluetooth
- ZigBee

Optional Accessories:

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

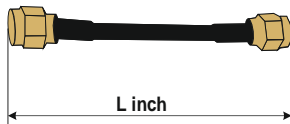


Figure 1



Electrical Specifications:	
Frequency Range:	1.0 to 2.7 GHz
Insertion Loss:	-1 dB (Max.)
Input Power:	+27dBm (Max.)
Coupling:	
1.0 GHz – 2.1 GHz	-29 ± 2 dB
2.1 GHz – 2.7 GHz	-31 ± 1 dB
Return Loss (Input):	-20 dB Min
Return Loss (Output):	-20 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

