

Directional Coupler RFDCF218-278

Features:

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

Description:

The RFDCF218-278 is a Broadband Flat coupling Directional coupler. RFDCF218-278 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.

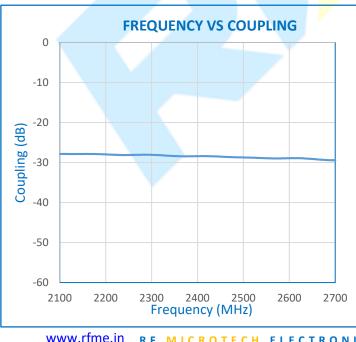
Applications:

- GPS
- LAN
- Bluetooth
- ZigBee

Optional Accessories:

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

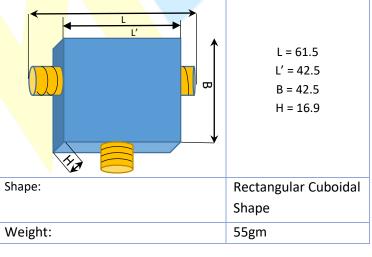


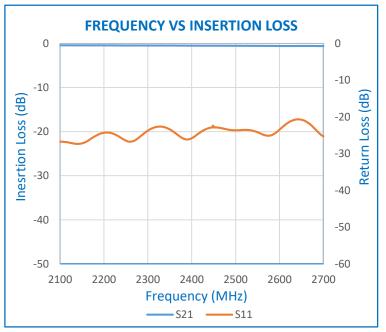




Electrical Specifications:	
Frequency Range:	2.1 to 2.7 GHz
Insertion Loss:	-1 dB
Input Power:	+27dBm
Coupling:	
2.1 GHz – 2.7 GHz	-31 ± 1 dB
Return Loss (Input):	-20 dB Min
Return Loss (Output):	-20 dB Min
Oper <mark>ating tem</mark> perature:	0 °C to 50 °C
In/O <mark>ut Connect</mark> or:	SMA (F)
Mechanical Specification:	

Dim<mark>ension</mark> (L x W x H) (mm):





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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.