

**Features:**

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

**Description:**

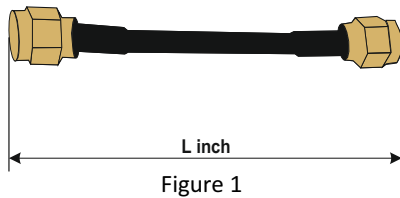
The TFDCF108-218 is a 29 dB ± 2 dB coupling Directional coupler. TFDCF 108-218 offers an industry leading combination of operating bandwidth and size. The low insertion loss makes this product a versatile for use in a variety of systems and sub system designs.

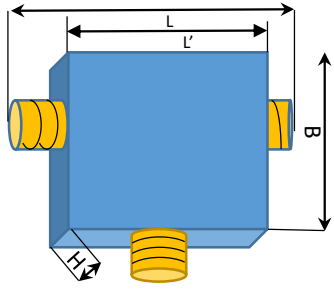
**Applications:**

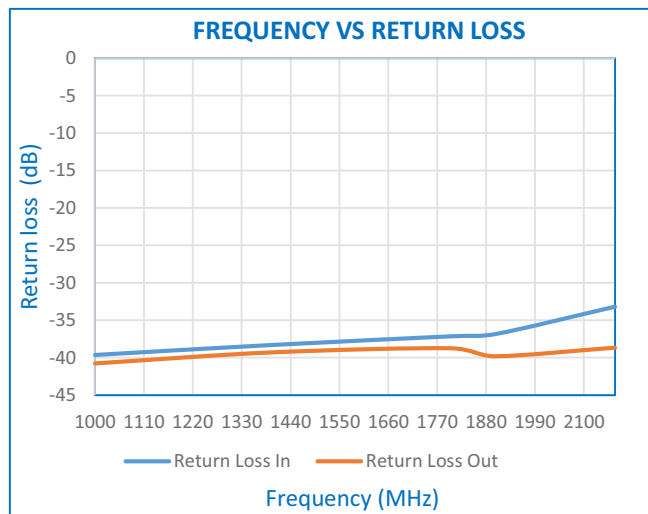
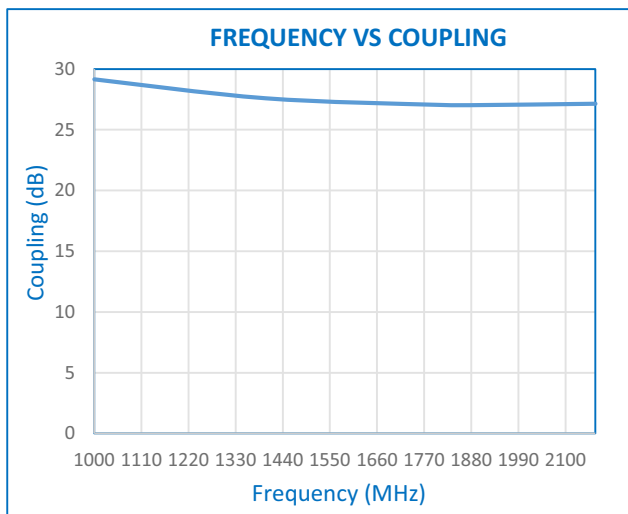
- ISM Band
- Cellular
- Bluetooth
- Zigbee

**Optional Accessories:**

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



Electrical Specifications:	
Frequency Range:	1.0 to 2.17 GHz
Insertion Loss:	0.5dB (Max.)
Input Power:	+27dBm (Max.)
Coupling:	29 dB ± 2 dB
Return Loss (Input):	-34dB Min
Return Loss (Output):	-38dB 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



Note: Specifications are subject to change.