

**Features:**

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

**Description:**

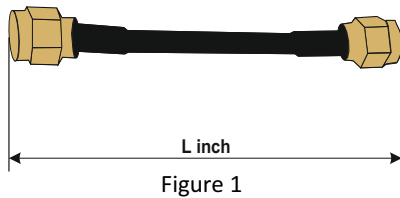
The TFDCF218-278 is a 29 dB ± 2 dB coupling Directional coupler. TFDCF 218-278 offers an industry leading combination of operating bandwidth and size. The low insertion loss makes this product a versatile for use in a variety of systems and sub system designs.

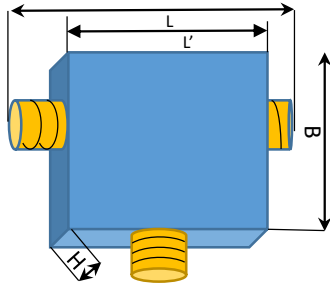
**Applications:**

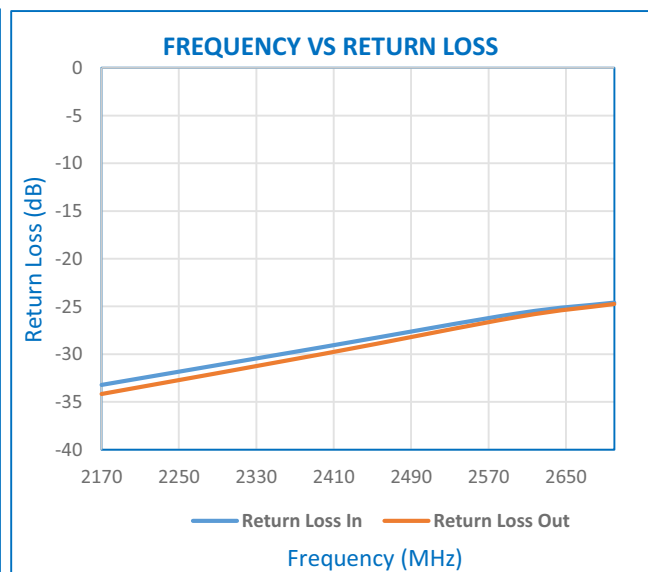
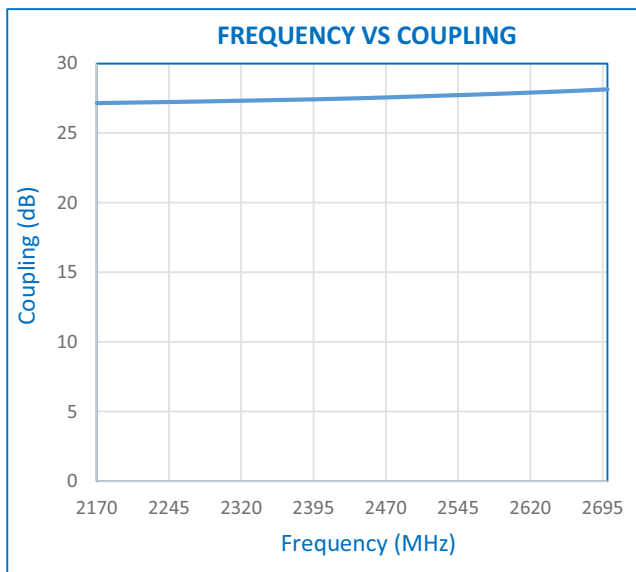
- ISM Band
- Cellular
- Bluetooth
- Zigbee

**Optional Accessories:**

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



Electrical Specifications:	
Frequency Range:	2.17 to 2.7 GHz
Insertion Loss:	0.5dB (Max.)
Input Power:	+27dBm (Max.)
Coupling:	29 dB ± 2 dB
Return Loss (Input):	-25dB Min
Return Loss (Output):	-25dB 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



Note: Specifications are subject to change.