

Directional Coupler RFDCF238-438

Features:

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

Description:

The RFDCF238-438 is a $9 \text{ dB} \pm 2 \text{ dB}$ coupling Directional coupler. RFDCF238-438 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

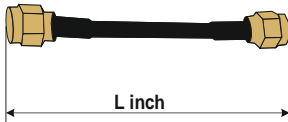
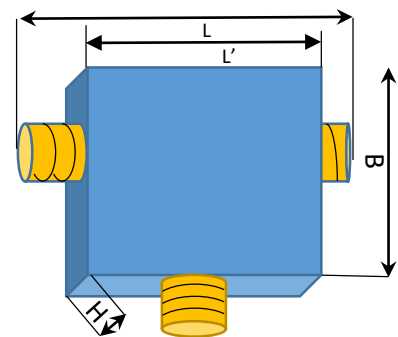


Figure 1



Electrical Specifications:	
Frequency Range:	2.3 to 4.3 GHz
Insertion Loss:	$1.5 \pm 0.5 \text{ dB (Max.)}$
Input Power:	$+27\text{dBm (Max.)}$
Coupling:	$-9 \pm 2 \text{ dB}$
Return Loss (Input):	-15dB Min
Return Loss (Output):	-15dB Min
Operating temperature:	0 °C to 50 °C
In/Out Connector:	SMA (F)
Mechanical Specification:	
Dimension (L x W x H) (mm) :	 <p style="text-align: right;"> L = 61.5 L' = 42.5 B = 42.5 H = 16.9 </p>
Shape:	Rectangular Cuboidal Shape
Weight:	55gm

