

Features:

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

Description:

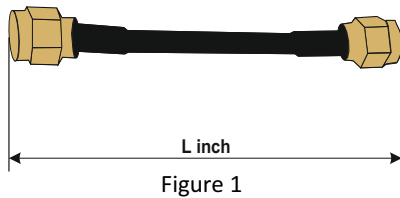
The TFDCF505-108 is a 9 dB ± 0.5 dB coupling Directional coupler. TFDCF 505-108 offers an industry leading combination of operating bandwidth and size. The low insertion loss makes this product a versatile for use in a variety of systems and sub system designs.

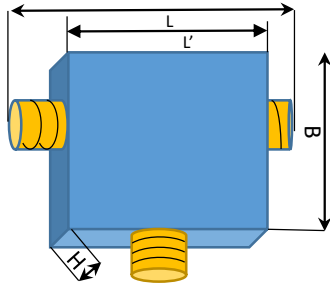
Applications:

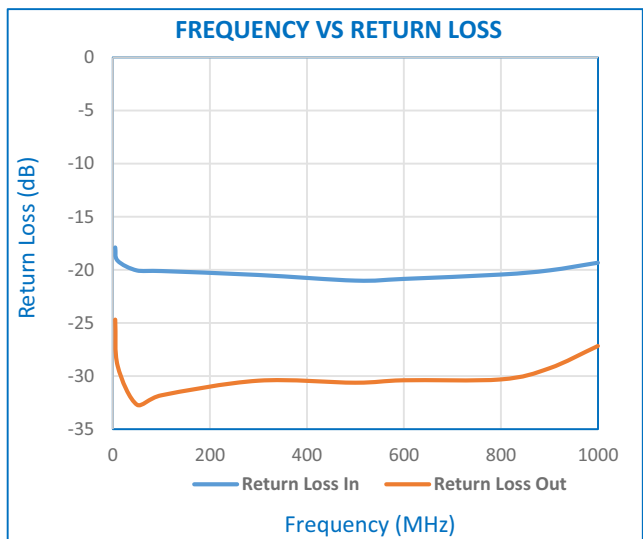
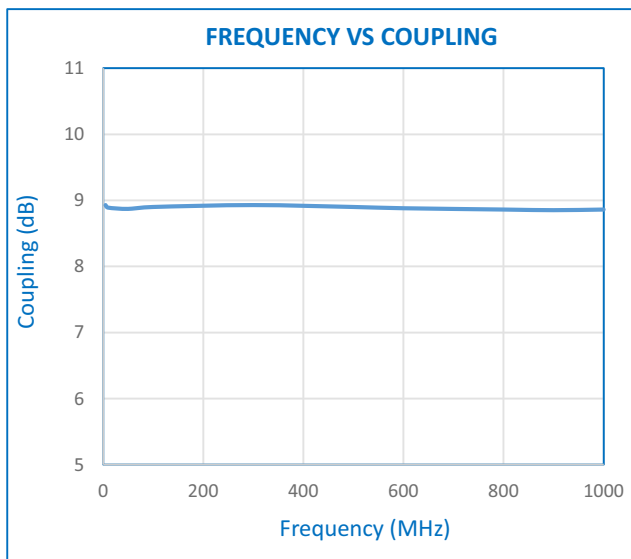
- ISM Band
- Cellular
- Audio

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: | 5MHz to1.0GHz |
| Insertion Loss: | 1.4dB (Max.) |
| Input Power: | +27dBm (Max.) |
| Coupling: | 9dB ± 0.5 dB |
| Return Loss (Input): | -17dB 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.