

### Electrical Specifications

**Frequency Range:** 380 - 2500 MHz  
**Nominal Insertion Loss:** 3.01dB (50%)  
**Dissipative Loss:** 2500 MHz; 0.2 dB Max.  
**Amplitude Balance:**  $\pm 0.25$  dB Max.  
**Impedance:** 50 Ohms  
**VSWR:** < 1.2 (>20.8 dB)  
**Intermodulation IM3:**  
 (2 x 43 dBm carrier) <-150 dBc  
**Power Rating:** 700 W Ave,  
 3KW Peak (at 20 °C ambient temperature)

### Mechanical

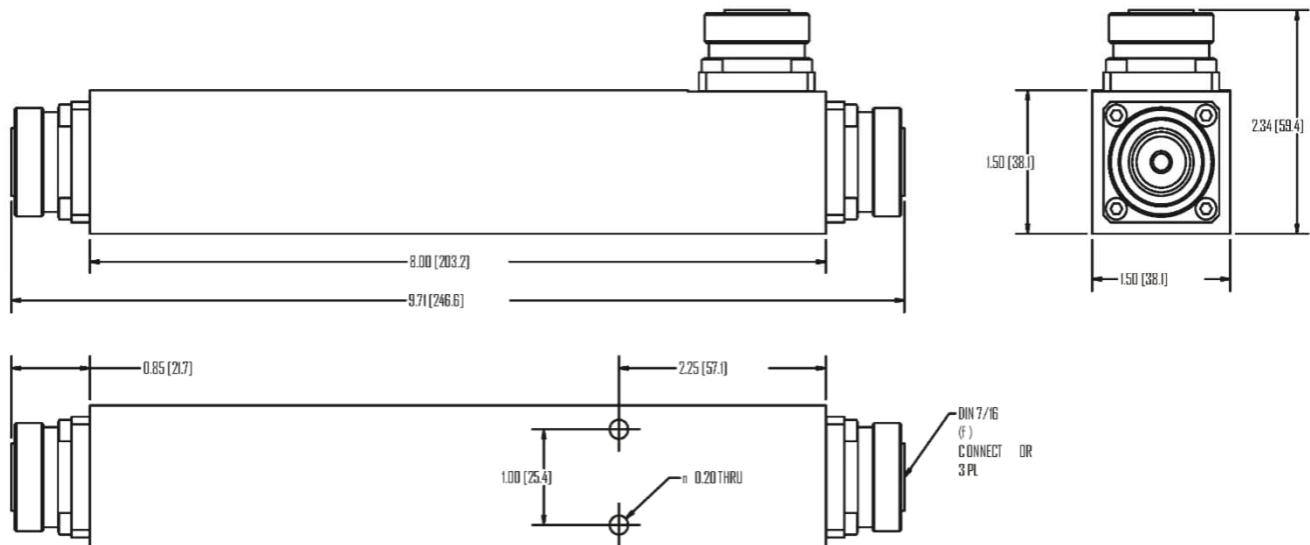
**Mounting Method:** Threaded Mounting Holes  
**Connector Type:** 7/16 DIN (F),  
 flange with O-ring  
**Dimensions:** 8.00 x 3.00 x 1.00 in.  
**Weight:** 0.39 kg (0.87 lb)

### Environmental

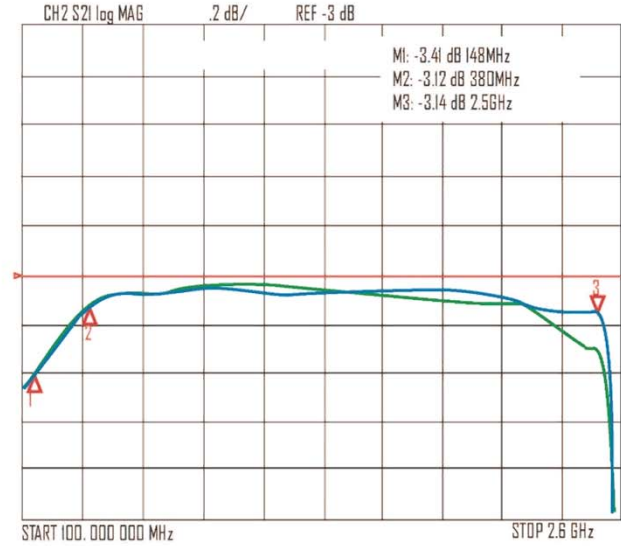
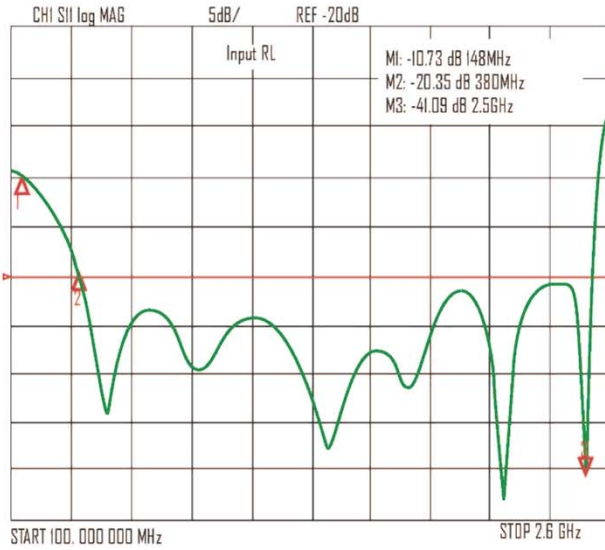
**Operating Temperature:** -40 to +85°C  
**Storage Temperature:** -55 to +125°C  
**Shock:** 20 G. 11 ms.  
**Vibration:** 20 G. 5 to 200 Hz.

### Outline Drawing:

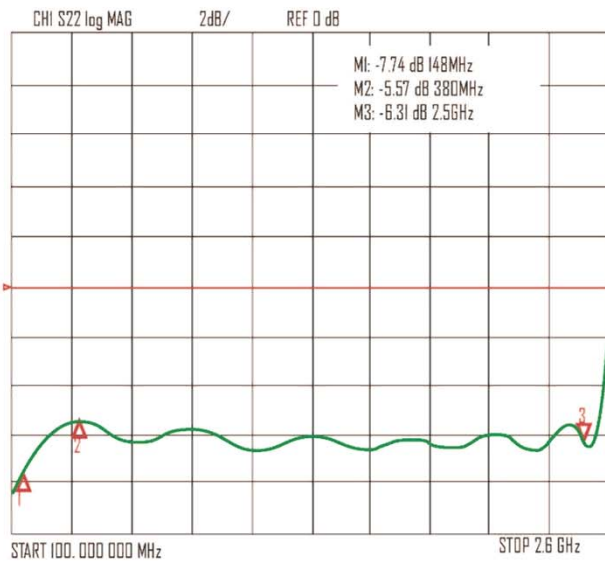
- Airline Coaxial Structure
- Wide Band, 380-2500 MHz operation
- High Power, Low Loss and PIM
- Rugged, Flange Mount Connectors with O-Ring
- IP65 Environment
- RoHs Compliant



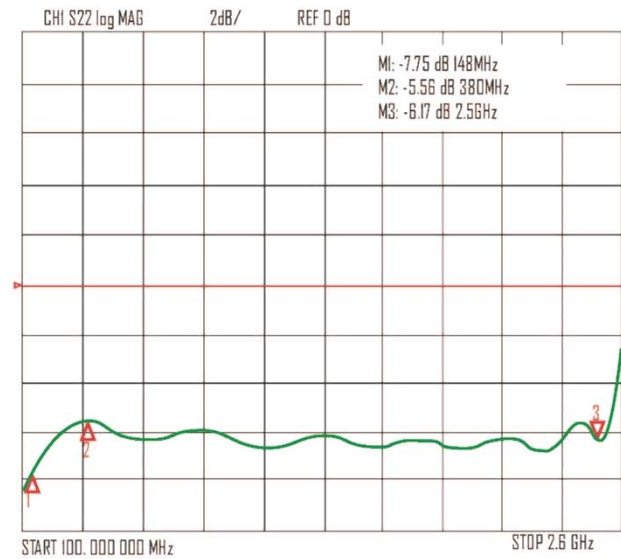
### Response Plots:



2Way Divider N, Side Output RL



2Way Divider N, Thru Output RL



### Response Plots:

