



## FL10

### Electrical specifications

**Passband:** 10700-12700MHz  
**Passband Insertion Loss:**  $\leq 4.0$ dB  
**Passband Ripple:**  $\leq 0.5$ dB  
**Passband Return Loss:**  $\geq 12$ dB  
**Passband Group Delay ripple:**  $\leq 6$  nsec  
**Rejection 1:**  $\geq 6$ dB@10650MHz, 12750MHz  
**Rejection 2:**  $\geq 25$ dB@10550MHz, 12850MHz  
**Rejection 3:**  $\geq 45$ dB@10450MHz, 12950MHz  
**Rejection 4:**  $\geq 55$ dB@10350MHz, 13050MHz  
**Rejection 5:**  $\geq 70$ dB@10250MHz, 13150MHz  
**Rejection 6:**  $\geq 75$ dB@10150MHz, 13250MHz  
**Rejection 7:**  $\geq 78$ dB@10050MHz, 13350MHz  
**Rejection 8:**  $\geq 80$ dB@9750MHz-9950MHz  
**Rejection 9:**  $\geq 80$ dB@13450MHz-13650MHz  
**Rejection 10:**  $\geq 40$ dB@1250-9500MHz  
**Rejection 11:**  $\geq 35$ dB@14000-20000MHz  
**Power Handling:** 1W(CW)  
**Input / Output Impedance:** 50 Ohms

### Mechanical

**Connector Type:** SMA (F)  
**Dimensions:** 4.67 x .50 x .47 inches

### Environmental

**Operating Temperature:** +15 to +30 deg. C  
**Storage temperature:** -65 to +95 deg.C  
**Shock:** 20 G's, 1/2 sine, 11ms  
**Vibration:** 10 G's, 10-2000Hz  
**Relative Humidity:** 0-95%

### Outline Drawing:

