



**FL10**

**Electrical specifications**

**Passband:** 10700-12700MHz  
**Passband Insertion Loss:** ≤4.0dB  
**Passband Ripple:** ≤0.5dB  
**Passband Return Loss:** ≥12dB  
**Passband Group Delay ripple:** ≤6 nsec  
**Rejection 1:** ≥6dB@10650MHz,12750MHz  
**Rejection 2:** ≥25dB@10550MHz,12850MHz  
**Rejection 3:** ≥45dB@10450MHz,12950MHz  
**Rejection 4:** ≥55dB@10350MHz,13050MHz  
**Rejection 5:** ≥70dB@10250MHz,13150MHz  
**Rejection 6:** ≥75dB@10150MHz,13250MHz  
**Rejection 7:** ≥78dB@10050MHz,13350MHz  
**Rejection 8:** ≥80dB@9750MHz-9950MHz  
**Rejection 9:** ≥80dB@13450MHz-13650MHz  
**Rejection 10:** ≥40dB@1250-9500MHz  
**Rejection 11:** ≥35dB@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, ½ sine, 11ms  
**Vibration:** 10 G's, 10-2000Hz  
**Relative Humidity:** 0-95%

**Outline Drawing:**

