



## FL07

### Electrical specifications

**Passband:** 13000-14500MHz  
**Passband Insertion Loss:**  $\leq 5.0$ dB  
**Passband Ripple:**  $\leq 0.5$ dB  
**Passband Return Loss:**  $\geq 12$ dB  
**Passband Group Delay ripple:**  $\leq 10$  nsec  
**Rejection 1:**  $\geq 5$ dB@12962.5MHz,14537.5MHz  
**Rejection 2:**  $\geq 24$ dB@12887.5MHz,14612.5MHz  
**Rejection 3:**  $\geq 45$ dB@12812.5MHz,14687.5MHz  
**Rejection 4:**  $\geq 65$ dB@12737.5MHz,14762.5MHz  
**Rejection 5:**  $\geq 70$ dB@12662.5MHz,14837.5MHz  
**Rejection 6:**  $\geq 75$ dB@12587.5MHz,14912.5MHz  
**Rejection 7:**  $\geq 77$ dB@12512.5MHz,14987.5MHz  
**Rejection 8:**  $\geq 78$ dB@12437.5MHz,15062.5MHz  
**Rejection 9:**  $\geq 80$ dB@12362.5MHz,15137.5MHz  
**Rejection 10:**  $\geq 85$ dB@12287.5MHz,15212.5MHz  
**Rejection 11:**  $\geq 25$ dB@1000-12000MHz  
**Rejection 12:**  $\geq 30$ dB@15500-18000MHz  
**Rejection 13:**  $\geq 25$ dB@18000-26500MHz  
**Power Handling:** 1W(CW)  
**Input / Output Impedance:** 50 Ohms

### Mechanical

**Connector Type:** SMA (F)  
**Dimensions:** 4.91 x .50 x .43 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:

