



**Electrical specifications**

**Passband:** 824-849 MHz  
**Passband Insertion Loss:**  $\leq 2.0$  dB  
**Passband Return Loss:**  $\geq 15$  dB  
**Rejection:**  $\geq 70$  dB @ 1-450 MHz  
**Rejection 2:**  $\geq 50$  dB @ 450-750 MHz  
**Rejection 3:**  $\geq 60$  dB @ 750-800 MHz  
**Rejection 4:**  $\geq 42$  dB @ 800-814 MHz  
**Rejection 5:**  $\geq 15$  dB @ 814-821 MHz  
**Rejection 6:**  $\geq 20$  dB @ 851-856 MHz  
**Rejection 7:**  $\geq 35$  dB @ 856-869 MHz  
**Rejection 8:**  $\geq 60$  dB @ 869-1000 MHz  
**Rejection 9:**  $\geq 50$  dB @ 1000-2070 MHz  
**Power Handling:** 10 W  
**Input / Output Impedance:** 50 Ohms

**Mechanical**

**Connector Type:** Type N (F)  
**Dimensions:** 8.27 x 3.45 x 2.13 inches

**Environmental**

**Operating Temperature:** -45 to +85 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:**

