

Features

- Low Insertion Loss
- High Attenuation
- SMA Connector
- Hermetically Sealed

Descriptions

SMA connector cavity bandpass filter developed hermetically sealed for outdoor antenna mount X band applications.

Electrical Specifications

Parameter	Unit	Specification
Center Frequency	MHz	8250
Passband Frequency Range	MHz	8000 ~ 8500
Insertion Loss in Passband	dB	0.9 max (0.6 dB goal)
Ripple in Passband	dB	0.4 max
Return Loss (VSWR) in Passband	dB	16.54 min (1.35:1)
Attenuation	dB	70 min @ 7800 MHz
		70 min @ 8700 MHz
Input Power	Watt	2 CW max
In/Out Impedance	Ohm	50
Operating Temperature	°C	0 ~ +55
Dimensions	mm	215 x 25 x 16 (L x W x H)
Packaging	-	Hermetically sealed (IP65) for antenna hub mounting

Mechanical Drawing

