

### Features

- High Q, Low Insertion Loss
- High Attenuation
- Compact Size
- BNC Connectors

### Descriptions

BNC connector mount cavity duplexer

### Electrical Specifications

Parameter	Unit	Specification	
		Low (RX)	High (TX)
Center Frequency	MHz	1767.5	1862.5
Frequency Range	MHz	1760 ~ 1775	1855 ~ 1870
Insertion Loss in BW	dB	1.0 max	1.0 max
Passband Ripple	dB	0.3 max	0.3 max
Return Loss in BW	dB	18.0 min	18.0 min
Attenuation	dB	50 min @ 9 KHz ~ 1000 MHz	50 min @ 9 KHz ~ 1800 MHz
		65 min @ 1884 ~ 1920 MHz	50 min @ 2130 MHz ~ 12.75 GHz
		50 min @ 2.2 ~ 12.75 GHz	-
Isolation	dB	65 min @ 1855 ~ 1870 MHz	65 min @ 1760 ~ 1775 MHz
Power Handling	W	1 avg, 10 peak	
IN/OUT Impedance	$\Omega$	50	
Operating Temperature	$^{\circ}\text{C}$	-10 ~ +60	
Vibration Proof	-	0.5 ~ 40 Hz, Acceleration 1.0 g	
Connectors	-	BNC @ All Ports	
Dimensions	mm	182.0 x 118.0 x 42.0 (L x W x H)	
Finish	-	Black / Prevention of Corrosion	

### Mechanical Drawing

