

### Features

- High Q, Low Insertion Loss
- High Attenuation
- Compact Size
- N and SMA Connectors

### Descriptions

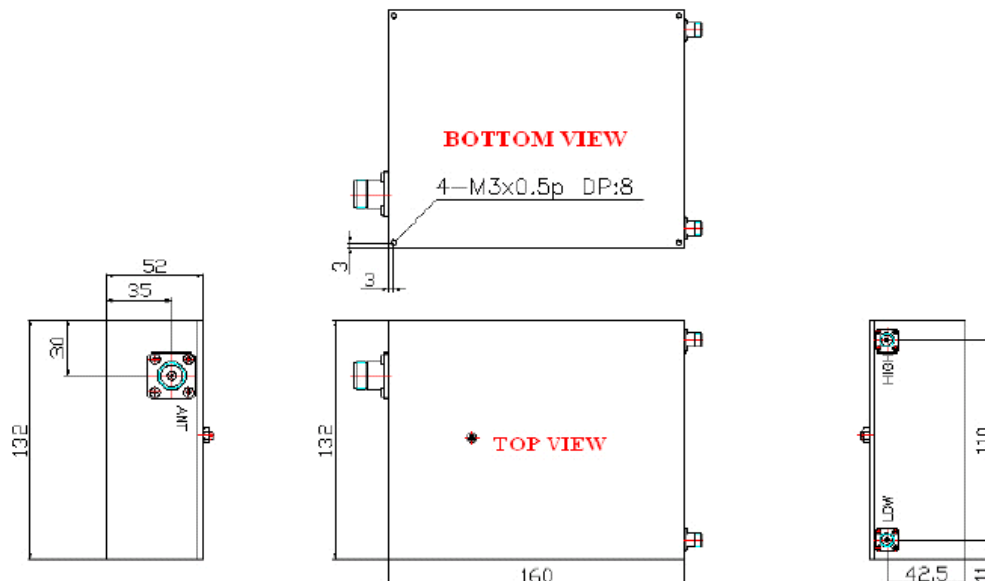
Connector mount cavity duplexer

### Electrical Specifications

Parameter	Unit	Specification	
Center Frequency	MHz	859	1920
Frequency Range	MHz	824 ~ 894	1850 ~ 1990
Insertion Loss in BW	dB	0.3 max	0.3 max
Passband Ripple	dB	0.2 max	0.2 max
Return Loss in BW	dB	18.0 min	18.0 min
Attenuation	dB	50 min @ 1850 ~ 1990 MHz	50 min @ 824 ~ 894 MHz
		50 min @ 1990 ~ 6000 MHz	50 min @ 3000 ~ 6000 MHz
Isolation	dB	60 min @ 1850 ~ 1990 MHz	60 min @ 824 ~ 894 MHz
Differential Group Delay	ns	10 max	10 max
Power Handling	W	20 avg, 50 max	
PIMD	dBc	-120 min @ 2 x 10W	
Lightning Protection	-	3 kA, 10/350 ms	
IN/OUT Impedance	$\Omega$	50	
Operating Temperature	$^{\circ}\text{C}$	-20 ~ +85	
Connectors	-	N female @ ANT, SMA female @ Low & High	
Finish	-	Black Epoxy Painting	
Dimensions	mm	160 x 132x 52 (L x W x H)	

### Mechanical Drawing

■ Dimension [Unit: mm]



## Electrical Response

### Simulation Graphs

