

### Features

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

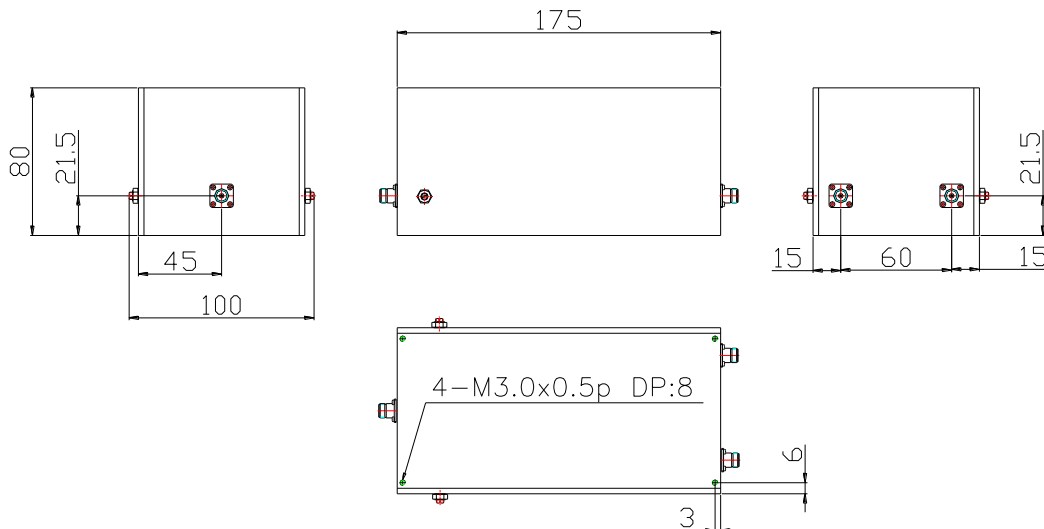
### Descriptions

SMA connector mount cavity duplexer developed for LTE band-5 applications.

### Electrical Specifications

Parameter	Unit	Specification	
		Low (RX)	High (TX)
Center Frequency	MHz	836.5	881.5
Frequency Range	MHz	824 ~ 849	869 ~ 894
Insertion Loss in BW	dB	1.0 max	1.0 max
Passband Ripple	dB	0.8 ± 0.4 max	0.8 ± 0.4 max
Return Loss in BW	dB	20.0 max	20.0 max
Attenuation	dB	90 min @ 869 ~ 894 MHz	90 min @ 824 ~ 849 MHz
Power Handling	W	20 max	
Operating Temperature	°C	-10 ~ +60	
Connectors	-	SMA Female @ All Ports	
Dimensions	mm	175 x 100 x 80 (L x W x H)	

### Mechanical Drawing



## Electrical Response

