

### Features

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

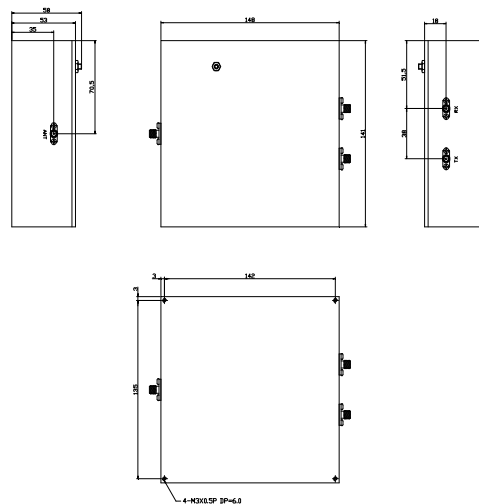
### Descriptions

Connectorized high attenuation cavity duplexer developed for LTE band 5 applications

### Electrical Specifications

Parameter	Unit	Specification	
		Uplink	Down Link
Center Frequency	MHz	836.5	881.5
Passband	MHz	824~849	869~894
Insertion Loss in BW	dB	0.8 max	
Ripple in BW	dB	0.7 max	
Return Loss in BW	dB	18 min	
Attenuation	dB	90 @ 869-894 MHz	90 @ 824-849 MHz
IN/OUT Impedance	$\Omega$	50	
Input Power	Watt	50 CW max	
Operating Temp. Range	$^{\circ}\text{C}$	-20 $^{\circ}\text{C}$ to +60 $^{\circ}\text{C}$	
Connectors	-	SMA	
Dimensions	mm	148 x 141 x 53 (L x W x H)	

### Mechanical Drawing



## Electrical Response

