

Features

- High Q, Low Insertion Loss
- High Attenuation
- Compact Size
- N type Connector

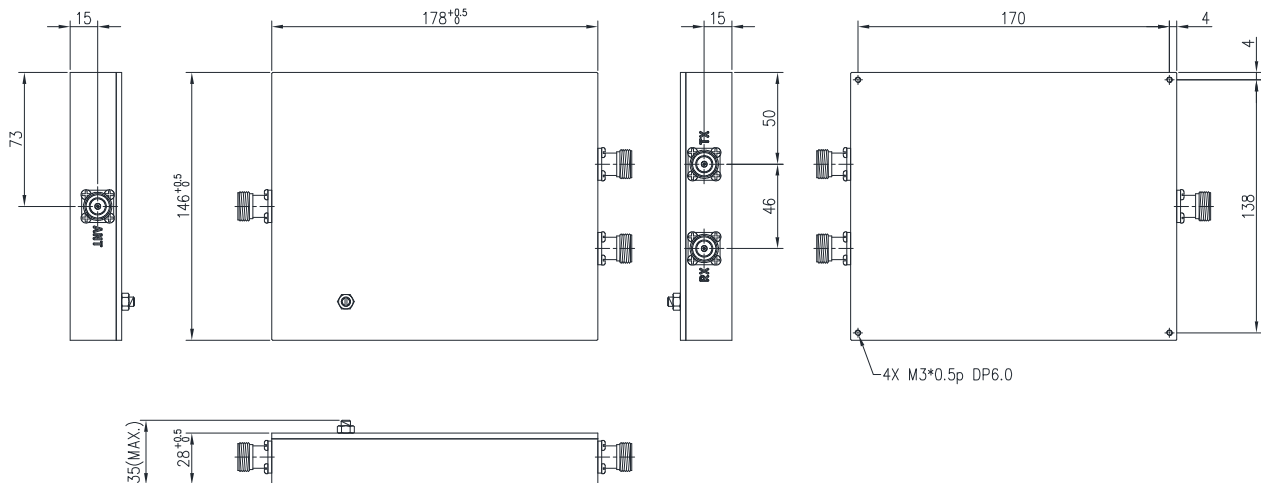
Descriptions

N type connector mount cavity duplexer developed for LTE 7th band applications.

Electrical Specifications

Parameter	Unit	Specification	
Center Frequency	MHz	2535	2655
Bandwidth	MHz	70	70
Insertion Loss in BW	dB	1.0 max	1.0 max
Passband Ripple	dB	0.7 max	0.7 max
Return Loss in BW	dB	18.0 min	18.0 min
Attenuation	dB	65 min @ 30 ~ 2130 MHz	75 min @ 9KHz ~ 2500 MHz
		70 min @ 2130 ~ 2275 MHz	25 min @ 2610 MHz
		25 min @ 2490 MHz	25 min @ 2700 MHz
		25 min @ 2580 MHz	70 min @ 2870 ~ 3075 MHz
		40 min @ 2700 ~ 2750 MHz	40 min @ 3075 ~ 12500 MHz
Isolation	dB	85 min	
Power Handling	W	200 peak max	
IN/OUT Impedance	Ω	50	
Operating Temperature Range	$^{\circ}\text{C}$	-20 ~ +85	
Connectors	-	N (Female) – All Ports	
Dimensions	mm	178.0 x 146.0 x 35.0 (L x W x H)	

Mechanical Drawing



Electrical Response

