

Features

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

Descriptions

N 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	0.5 max	0.5 max
Passband Ripple	dB	0.4 max	0.4 max
Return Loss in BW	dB	20.0 min	20.0 min
Attenuation	dB	60 min @ 869 ~ 894 MHz	60 min @ 824 ~ 849 MHz
Isolation	dB	60 min @ 824 ~ 849 MHz, 869 ~ 894 MHz	
Power Handling	W	20 max	
Operating Temperature	°C	-20 ~ +70	
Connectors	-	N female @ All Ports	
Dimensions	mm	185 x 160 x 60 (L x W x H)	

Mechanical Drawing

