

Features

- Low Insertion Loss
- High Attenuation
- Low PIM
- N Connector Mount

Descriptions

N connector mount cavity duplexer developed for LTE band-20 applications.

Electrical Specifications

Parameter	Unit	Specification	
		Downlink	Uplink
Center Frequency	MHz	806	847
Passband Frequency Range	MHz	$F_c \pm 15$ min (791~821MHz)	$F_c \pm 15$ min (832~862MHz)
Insertion Loss in Passband	dB	1.6 max	1.6 max
Ripple in Passband	dB	1.0 max	1.0 max
Return Loss (VSWR) in Passband	dB	18.0 min	18.0 min
Attenuation	dB	70 min @ 832~862MHz	70 min @ 791~821MHz
Isolation	dB	70 min	
PIMD	dBc	140 min @ 43dBm 2Tone	
Power Handling	Watt	30 CW max	
In/Out Impedance	Ohm	50	
Operating Temperature	°C	-40 ~ +85	
Dimensions	mm	155 x 80 x 44(L x W x H)	
RoHS	-	Yes	

Mechanical Drawing

