

Features

- Low Insertion Loss
- High Attenuation / Isolation
- Compact Size
- N Connectors

Descriptions

Connector mount high power cavity duplexer developed for n66 band applications.

Electrical Specifications

Parameter	Unit	Specification	
		LOW (RX)	HIGH(TX)
Center Frequency (Fc)	MHz	1745	2155
Passband Frequency Range	MHz	1710 ~ 1780	2110 ~ 2200
Insertion Loss in Passband	dB	1.5 dB max (1.2 dB typ.)	
Ripple	dB	1.2 dB max (1.0 dB typ.)	
Return Loss in Passband	dB	10 min (14 typ.)	
Attenuation at Reject Band	dB	70 @ 1 ~ 1690 MHz	45 @ 50 ~ 1650 MHz
		70 @ 1800 ~ 2109 MHz	105 @ 1710 ~ 1780 MHz
		105 @ 2110 ~ 2200 MHz	45 @ 1810 ~ 1900 MHz
		70 @ 2200 ~ 6000 MHz	10 @ 2000 ~ 2100 MHz
		45 @ 6000 ~ 12750 MHz	10 @ 2210 ~ 2310 MHz
			45 @ 2400 ~ 12750 MHz
Isolation	dB	105 min	
Input Power	Watts	80 CW max	
Operating Temperature Range	°C	-40 ~ +125	
Dimensions	mm	210 X 166 X 30 (L x W x H)	
Connectors	-	N - Female all ports	
Weight	Kg	2.5 Kg max	

Mechanical Drawing

