

Features

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

Descriptions

N Connector mount cavity duplexer developed for LTE band-3 applications.

Electrical Specifications

Parameter	Unit	Specification	
		Low (RX)	High (TX)
Center Frequency	MHz	1747.5	1842.5
Frequency Range	MHz	1710 ~ 1785	1805 ~ 1880
Insertion Loss in BW	dB	1.2 max	1.2 max
Return Loss in BW	dB	18.0 min	18.0 min
Attenuation	dB	90 min @ 1805 ~ 1880 MHz	90 min @ 1710 ~ 1785
Isolation	dB	TERM. (50 Ω): 90 min	
2 nd Harmonic Suppression	dB	80 min @ 3420 ~ 3760 MHz	
3 rd Harmonic Suppression	dB	45 min @ 5200 ~ 6000 MHz	
Power Handling	W	20 CW, 200 max (peak)	
Humidity	%	95 max	
Connectors	-	N Female @ All Ports	
Dimensions	mm	185 x 236 x 45 (L x W x H)	
Finish	-	Silver Plated	
RoHS	-	Compliant	

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