

Features

- Low Insertion Loss
- High Rejection & Isolation
- High Power Handling
- Ultra-Low PIM
- 7/16 DIN Connector

Descriptions

Ultra-low PIM 200W cavity duplexer developed for 5G NR n77/n79 band applications.

Electrical Specifications

Parameter	Unit	Specification	
		LOW	HIGH
Center Frequency	MHz	3380	4700
Passband Frequency Range	MHz	3400 ~ 4200	4400 ~ 5000
Insertion Loss in Passband	dB	1.0 max	1.0 max
Return Loss (VSWR) in Passband	dB	18 min	18 min
Attenuation	dB	90 min @ 4400 ~ 5000MHz	90 min @ 3400 ~4200MHz
Power Handling	dBm	200 CW max	
In/Out Impedance	Ohm	50	
IMD in Rx band, Ant port, 2 tone, +43dBm each	dBc	173 typ., 170 min.	
Operating Temperature	°C	-10 ~ +65	
Connector	-	7/16 DIN female all ports	
Dimensions	mm	210 x 135 x 48 (L x W x H)	
RoHS	-	Yes; 2.0	

Mechanical Drawing



