

Features

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

Descriptions

Ultra-low PIM 200W cavity duplexer developed for UMTS band 22 applications.

Electrical Specifications

Parameter	Unit	Specification	
		LOW	HIGH
Center Frequency	MHz	3450	3552
Passband Frequency Range	MHz	3410 ~ 3490	3510 ~ 3594
Insertion Loss in Passband	dB	2.0 max	2.0 max
Return Loss (VSWR) in Passband	dB	20 min	20 min
Attenuation	dB	90 min @ 3510 ~ 3594MHz	90 min @ 3410 ~ 3490MHz
Power Handling	dBm	200 CW max	
In/Out Impedance	Ohm	50	
IMD in Rx band, Ant port, 2 tone, +43dBm each	dBc	171 typ., 168 min.	
Operating Temperature	°C	-10 ~ +65	
Connector	-	7/16 DIN female Ant port; N female Tx/Rx port	
Dimensions	mm	255 x 170 x 55 (L x W x H)	
RoHS	-	Yes; 2.0	

Mechanical Drawing

