

### Features

- Low Insertion Loss
- High Power
- Low PIM
- 7/16 DIN Connector

### Descriptions

7/16 DIN connector high power low PIM cavity duplexer developed for GSM band applications.

### Electrical Specifications

Parameter	Unit	Specification	
		LOW	HIGH
Center Frequency	MHz	747.5	859
Passband Frequency Range	MHz	698 ~ 797	824 ~ 894
Insertion Loss in Passband	dB	0.5 max	0.5 max
Return Loss (VSWR) in Passband	dB	18 min	18 min
Isolation	dB	50 min	
Intermodulation IM3	dBc	-150 max @850MHz (2x43dBm)	
Power Handling	Watt	500 CW max	
In/Out Impedance	Ohm	50	
Configuration	-	DC bypass @ all ports	
Protection	-	Outdoor Type	
Operating Temperature	°C	-10 ~ +60	
Dimensions	mm	187.0 x 142.0 x 52 (L x W x H)	
RoHS	-	Yes	

### Mechanical Drawing

