

Date: 28.05.2010

Duplex Filter for TETRA 380-395MHz

TETRA390DPF duplex filter allows bi-directional communication over a single channel. It isolates the receiver from the transmitter while permitting them to share a common antenna.

Key features:

- Low passband insertion loss
- High stopband attenuation
- Compact case
- Wide operating temperature range

Applications:

- Test-and Measurement Systems
- Micro/Pico Base stations
- Repeaters
- Boosters



Specifications

Characteristic	Uplink	Downlink
Frequency range	380 - 385MHz	390- 395MHz
Bandwidth	5MHz	5MHz
Passband Insertion Loss	<3.5dB	<3.5dB
Passband ripple	<2dB	<2dB
Passband Return Loss	>10dB	>10dB
Stopband attenuation	>40dB @390- 395MHz	>40dB @380 - 385MHz
RF power	3W max.	
RF connectors	3xSMApesa	
Case dimensions	57x50x17mm	
Operating temperature	-40...+85°C	

