

Date: 28.05.2010

GSM 850 MHz Duplex Filter

GSM850DPF 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	824 - 849MHz	869- 894MHz
Bandwidth	25MHz	25MHz
Passband Insertion Loss	<3.5dB	<3.5dB
Passband ripple	<1.5dB	<1.5dB
Passband Return Loss	>12dB	>12dB
Stopband attenuation	>40dB @869- 894MHz	>40dB @824 - 849MHz
RF power	5W max.	
RF connectors	3xSMAf	
Case dimensions	57x40x17mm	
Operating temperature	-40...+85°C	

