

DCS 1800MHz Duplex Filter

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DCS1800DPF 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

Applications:

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



Specifications

Characteristic	Uplink	Downlink
Frequency range	1710 - 1785MHz	1805 - 1880MHz
Bandwidth	75MHz	75MHz
Passband Insertion Loss	<3.5dB	<3.5dB
Passband ripple	<1.5dB	<1.5dB
Passband Return Loss	>10dB	>10dB
Stopband attenuation	>40dB @ 1805 - 1880MHz	>40dB @ 1710 - 1785MHz
RF power	<3W	
RF connectors	3xSMAf	
Case dimensions	57x40x17mm	
Operating temperature	-40...+85°C	

