

## UMTS 2100MHz Duplex Filter

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UMTS2100DPF 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	1920 - 1980MHz	2110 - 2170MHz
Bandwidth	75MHz	75MHz
Passband Insertion Loss	<2.5dB	<2.5dB
Passband ripple	<1.5dB	<1.5dB
Passband Return Loss	>12dB	>12dB
Stopband attenuation	>40dB@2110 - 2170MHz	>40dB@1920 - 1980MHz
RF power	5Wmax	
RF connectors	3xSMAf	
Case dimensions	57x40x17mm	
Operating temperature	-40...+85°C	

