

WSD-00292 - UMTS Duplexer

◆ Features:

- Full Band UMTS Duplexer
- Low Insertion Loss: < 0.5 dB Typical
- High Isolation: 60 dB Minimum
- Small Size: 108mm x 60mm x 38.1mm

◆ Specifications:

Passbands:

Receive: 1920 to 1980 MHz

Transmit: 2110 to 2170 MHz

Passband Insertion Loss: 0.6 dB maximum

Passband Return Loss: 15 dB minimum

Antenna to Receive Rejection:

DC to 1720 MHz: 50 dB minimum

2110 to 2170 MHz: 60 dB minimum

2170 to 4340 MHz: 50 dB minimum

Transmit to Antenna Rejection:

DC to 1980 MHz: 60 dB minimum

2365 to 4340 MHz: 50 dB minimum

Passband to Passband Isolation: 60 dB minimum

Transmit Passband Power Handling:

CW: 30 Watts

Peak Instantaneous: 400 Watts

Dimensions: 108mm W x 60mm

D x 38.1mm H

(excluding connectors)

(4.25 x 2.36 x 1.5)

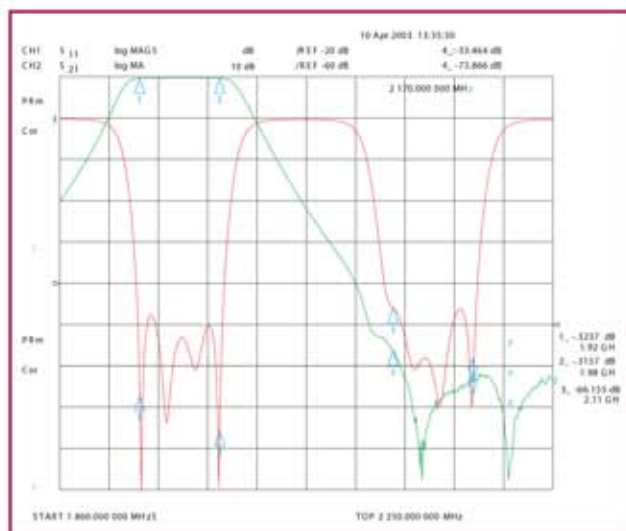
Connectors: SMA-F

Operating Humidity: 0 to 90%, non- condensing

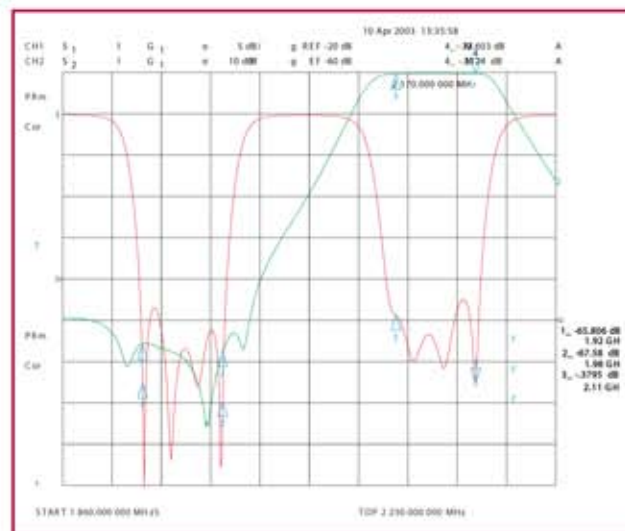
Operating Temperature: -20 to +70 C

Storage Temperature: -40 to +85 C

Finish: Black Paint, Water Based



Rx Passband



Tx Passband

Filtering Solutions for Your Global Market

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