



UMTS Full Band Duplexer

Model 18532

This duplexer provides excellent isolation between the transmit and receive bands with minimal signal degradation.

The **18532** also rejects other undesired bands, including GSM 850, EGSM 900, GSM 1800 & WiMAX.

Specifications:

Passbands

Receive:	1920-1980 MHz
Transmit:	2110-2170 MHz
Passband Loss:	0.8 dB Max
Passband Return Loss:	15 dB Min
Passband Flatness:	0.5 dB Max
Passband Delay Variation:	40 nS Max
Maximum Transmit Power Handling:	100 Watts - CW 4000 Watts - Peak (Instantaneous)

Rejection

Common to Transmit:	60 dB Min from DC-1920 MHz 85 dB Min from 1920-1980 MHz 60 dB Min from 1980-2040 MHz 15 dB Min from 2040-2100 MHz 15 dB Min from 2180-4220 MHz 50 dB Min from 4220-4340 MHz
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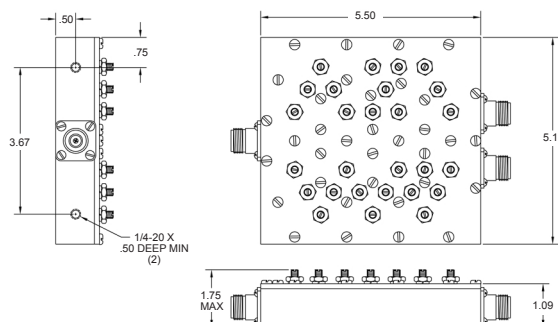
Common to Receive:	60 dB Min from DC-1880 MHz 85 dB Min from 1920-1980 MHz 25 dB Min from 1880-1900 MHz 25 dB Min from 2000-2110 MHz 85 dB Min from 2110-2170 MHz 50 dB Min from 2170-5500 MHz
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Operating Temperature: -20°C to +70°C

Storage Temperature: -40°C to +85°C

Connectors: N-female (Standard)
7/16 DIN (Optional)

Dimensions: 5.50" x 5.17" x 1.09"
(140mm x 131mm x 28mm)



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