



GSM 1800 Full Band Duplexer

Model 18600

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

Specifications:

Passbands

Receive: 1710-1785 MHz

Transmit: 1805-1880 MHz

Passband Loss: 1.0 dB Max

Passband Return Loss: 18 dB Min

Maximum Transmit: 100 Watts - CW

Power Handling: 450 Watts - Peak (Instantaneous)

Rejection

Antenna to Transmit: 55 dB Min from 1710-1785 MHz

50 dB Typ @ 2110 MHz

Antenna to Receive: 55 dB Min from 1805-1880 MHz

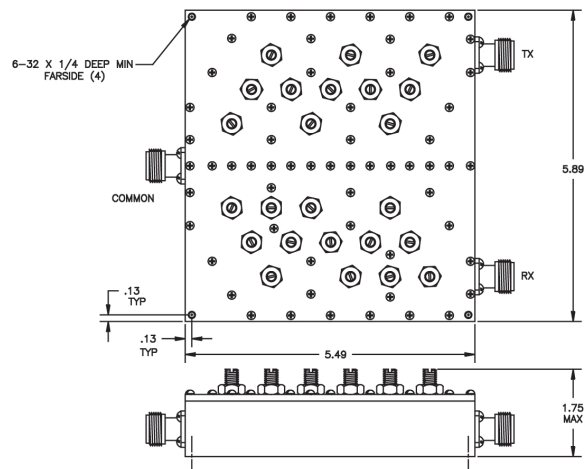
50 dB Typ @ 1600 MHz

Rx-Tx Isolation: 55 dB Min

Operating Temperature: -20°C to +70°C

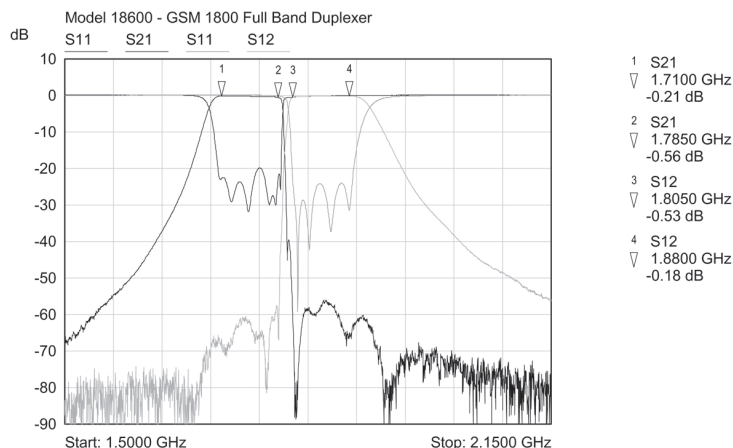
Connectors: See chart below

Dimensions: 5.49" x 5.89" x 1.75"
(139mm x 150mm x 44mm)



Connector Configurations

Model #	Common	TX	RX
18600	N-female	N-female	N-female
18600-1	N-female	SMA-female	SMA-female



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