



# EGSM 900 Full Band Duplexer

## Model 18603

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

- GSM 900 and EGSM 900 compatible.

### Specifications:

#### Passbands

Receive: 880-915 MHz  
 Transmit: 925-960 MHz

Passband Loss: 1.0 dB Max

Passband Return Loss: 18 dB Min

Maximum Transmit Power Handling: 200 Watts - CW  
 2600 Watts - Peak

#### Rejection

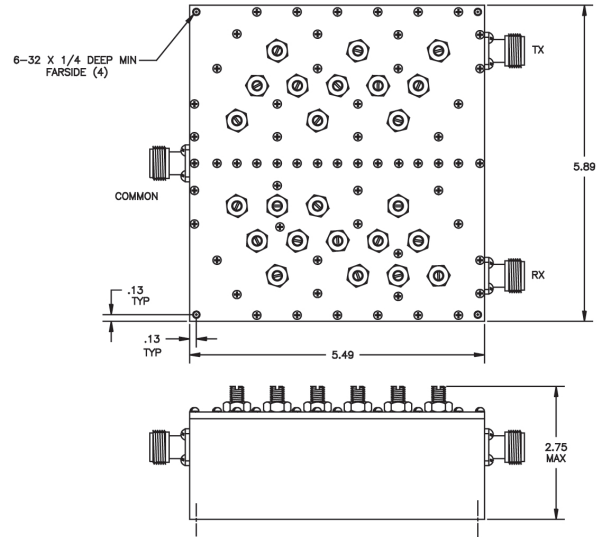
Antenna to Transmit: 60 dB Min from 880-915 MHz  
 35 dB Typ @ 1000 MHz  
 Antenna to Receive: 60 dB Min from 925-960 MHz  
 50 dB Min @ 825 MHz

Rx-Tx Isolation: 60 dB Min

Operating Temperature: -20°C to +70°C

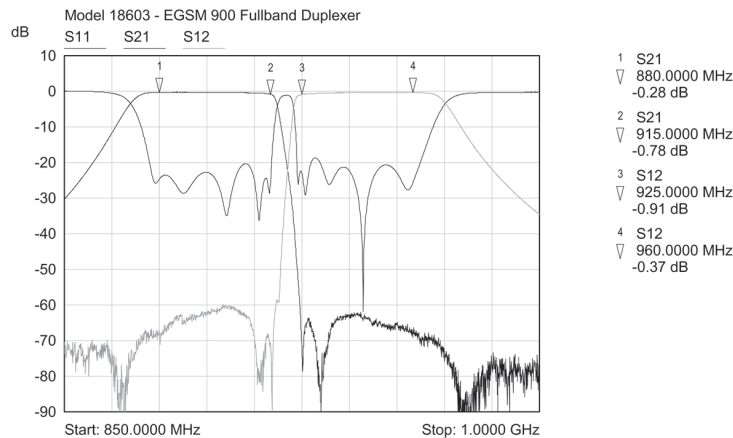
Connectors: See chart below

Dimensions: 5.49" x 5.89" x 2.75"  
 (139mm x 150mm x 70mm)



### Connector Configurations

Model #	Common	TX	RX
18603	N-female	N-female	N-female
18603-1	N-female	SMA-female	SMA-female



**MICROWAVE FILTER CO., INC.**  
 6743 KINNE STREET, E. SYRACUSE, NY 13057  
 E-Mail: [mfcsales@microwavefilter.com](mailto:mfcsales@microwavefilter.com)

800-448-1666 • 315-438-4700  
 Web: [www.microwavefilter.com](http://www.microwavefilter.com)