



GSM 850 Full Band Duplexer

Model 18529

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

Specifications:

Passbands

Receive:	824-849 MHz
Transmit:	869-894 MHz
Passband Loss:	0.75 dB Max 1.0 dB Max
Passband Return Loss:	20 dB Min
Passband Flatness:	0.4 dB Max
Maximum Transmit Power Handling:	200 Watts - CW 3000 Watts - Peak (Instantaneous)

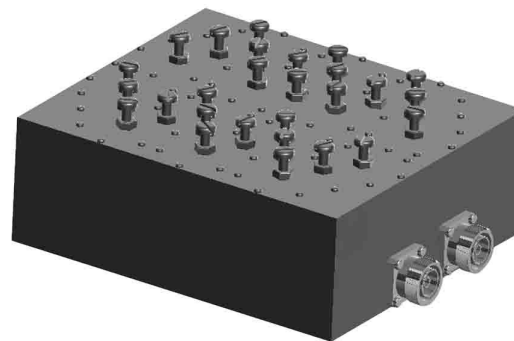
Rejection

Common to Transmit:	80 dB Min from 824-869 MHz 50 dB Approx @ 910 MHz
Common to Receive:	80 dB Min from 869-894 MHz 50 dB Min from 698-800 MHz 40 dB Min @ 806 MHz

Operating Temperature: 0°C to +60°C

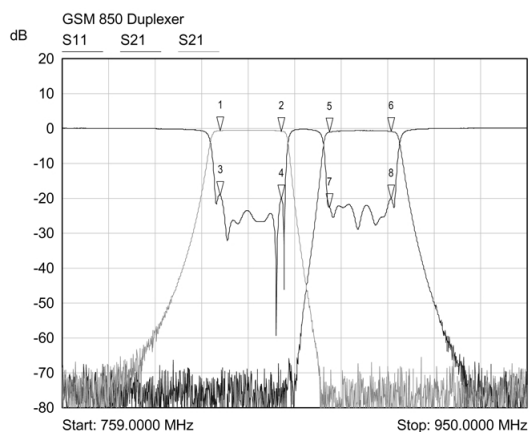
Connectors: See chart

Dimensions: 9.17" x 8.00" x 6.00"
(233mm x 204mm x 153mm)

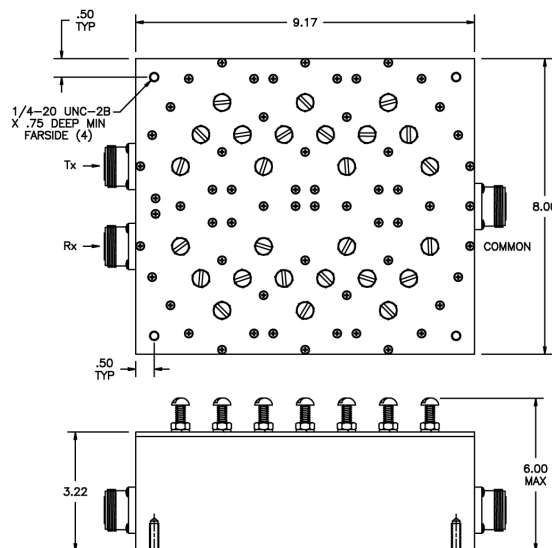


Connector Configurations

Model #	Configuration
18529	7/16 DIN (Female) Connectors
18529-1	N (Female) Connectors



- 1 S21
824.0594 MHz
-0.65 dB
- 2 S21
849.0088 MHz
-0.75 dB
- 3 S11
824.0594 MHz
-19.17 dB
- 4 S11
849.0088 MHz
-20.10 dB
- 5 S21
868.9444 MHz
-1.01 dB
- 6 S21
894.0131 MHz
-0.85 dB
- 7 S11
868.9444 MHz
-22.72 dB
- 8 S11
894.0131 MHz
-20.10 dB



MICROWAVE FILTER CO., INC.
6743 KINNE STREET, E. SYRACUSE, NY 13057
E-Mail: mfcsales@microwavefilter.com

800-448-1666 • 315-438-4700
Web: www.microwavefilter.com