

# WSD-00184 EGSM Duplexer

## ◆ Features:

- High Isolation — 75 dB minimum
- Low Insertion Loss — 1.25 dB maximum
- High Power Handling — 50 watts CW



## ◆ Specifications:

### Passbands:

Receive	880-915 MHz
Transmit	925-960 MHz
Passband Insertion Loss:	1.25 dB maximum

### Antenna to Receive Rejection:

DC-845 MHz	50 dB minimum
925-2000 MHz	75 dB minimum
2000-2880 MHz	30 dB minimum

### Transmit to Antenna Rejection:

DC-915 MHz	75 dB minimum
1050-2000 MHz	75 dB minimum

### Passband to Passband Isolation:

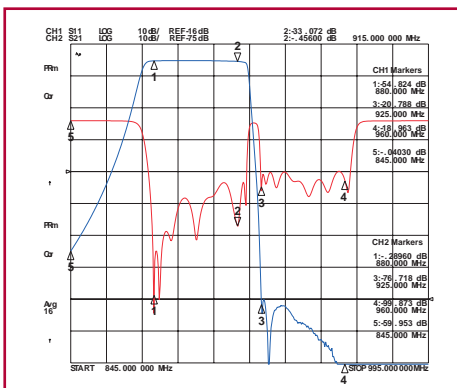
75 dB minimum

### Maximum Transmit Power Handling:

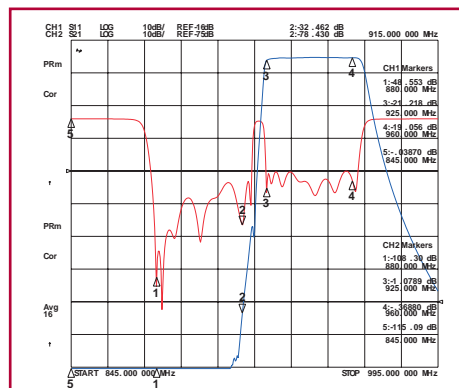
CW	50 watts
Peak Instantaneous	100 watts
Passband Return Loss:	15 dB minimum
Operating Temperature:	0 to +55°C
Storage Temperature:	-40 to +85°C
Operating Humidity:	0 to 90%, relative, non-condensing
Dimensions:	9.43" L x 7.93" W x 3.0" H
(excluding connectors)	[239.5 x 201.4 x 76.2mm]
Connectors:	N-F

## ◆ Applications:

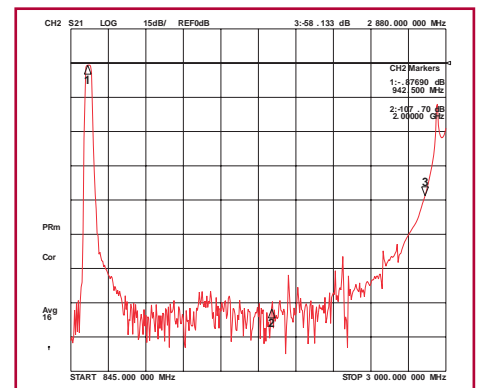
- Macro or Micro EGSM Base Stations
- EGSM Repeaters and Systems
- Base Station or Handset EGSM Test Systems



Receive Channel



Transmit Channel



Tx Stopband Response



Filtering Solutions for Your Global Market

USA  
 Phone: 410-749-2424  
 FAX: 410-749-5725  
 Email: sales@klmicrowave.com

EUROPE  
 Phone: +44-(0)-1908-547920  
 FAX: +44-(0)-1908-695284  
 Email: sales@kleurope.com

Order On-Line @ [www.klmicrowave.com](http://www.klmicrowave.com)