

WSD-00001 PCS Fullband Duplexer

◆ Features:

- 75 dB Minimum Isolation
- Low Insertion Loss - 0.7 dB Typical
- Full Band, Highly Selective Performance for both Transmit and Receive Channels



◆ Specifications:

Passbands
Receive: 1850-1910 MHz
Transmit: 1930-1990 MHz

Passband Insertion Loss: 1 dB max.

Antenna-to-Receive Rejection
DC-1830 MHz: 60 dB min.
1930-1990 MHz: 75 dB min.
1990-3980 MHz: 55 dB min.

Transmit-to-Antenna Rejection
DC-1910 MHz: 75 dB min.
2010-3980 MHz: 55 dB min.

Channel-to-Channel Isolation: 75 dB min.

Maximum Transmit
Power Handling
CW: 50 Watts
Peak Instantaneous: 800 Watts

Passband Return Loss: 15 dB min.

Operating Temperature: -25 to +70°C

Storage Temperature: -40 to +85°C

Operating Humidity: Up to 90%,
Non-condensing

Dimensions : 7.25"W x 7.25"D x 2.0"H
(excluding connectors): [184.2 x 184.2 x 50.8mm]

◆ Applications:

- Macro & Micro-Cellular PCS BTS
- PCS Repeaters
- Instrumentation / Handset Testing

Filtering Solutions for Your Global Market

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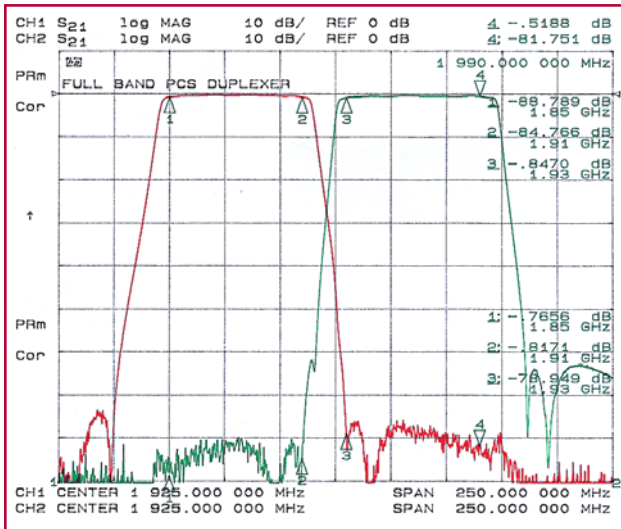
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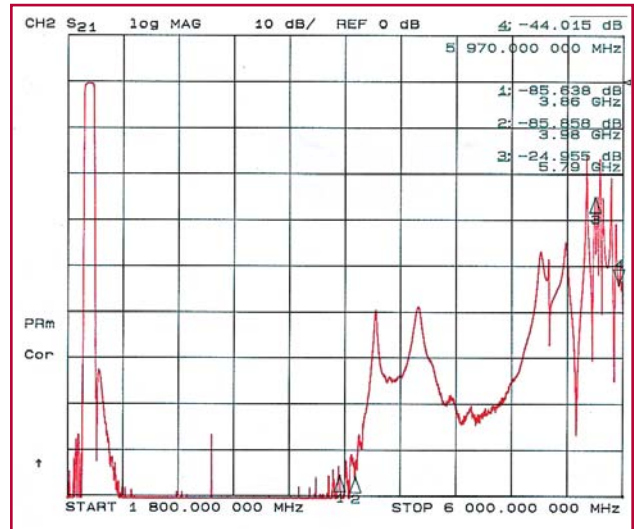
Order On-Line @ www.klmicrowave.com



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Passband Response



Transmit Harmonic Performance

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