

WSD-00045 Fullband PCS Duplexer

◆ Features:

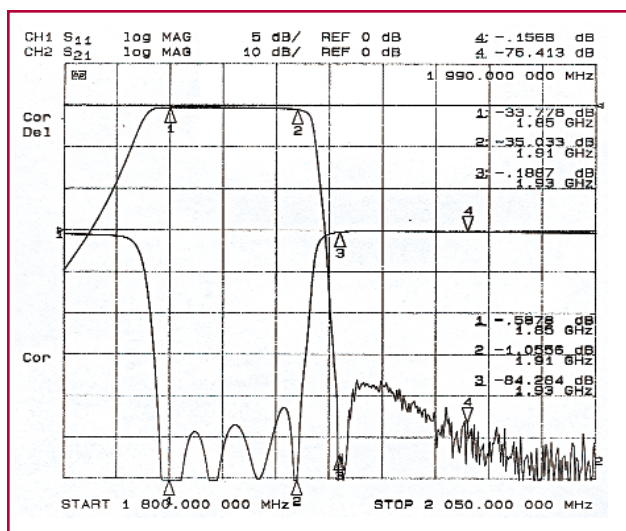
- 62 dB Minimum Isolation
- Low Insertion Loss - 0.8 dB typical
- High Return Loss - 18 dB typical
- Small, High Performance Package



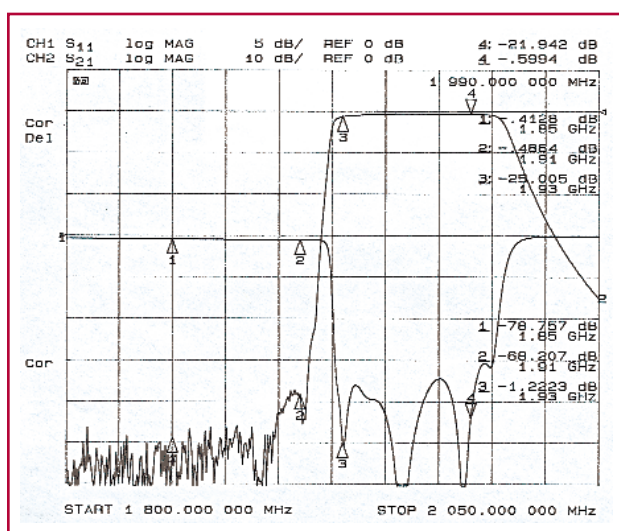
◆ Specifications:

Passbands:	
Receive	1850-1910 MHz
Transmit	1930-1990 MHz
Passband Insertion Loss:	1.5 dB maximum
Passband Flatness:	1.0 dB P-P maximum
Antenna to Receive Rejection:	
DC-1747.5 MHz	52 dB minimum
1790-1825 MHz	10 dB minimum
1930-2332.5 MHz	62 dB minimum
2332.5-2387.5 MHz	70 dB minimum
2387.5-6000 MHz	52 dB minimum
Transmit to Antenna Rejection:	
DC-1910 MHz	62 dB minimum
2092.5-6000 MHz	52 dB minimum

Channel to Channel Isolation:	62 dB minimum
Maximum Transmit Power Handling:	25 watts CW
Passband Return Loss:	15 dB minimum
Operating Temperature:	-20 to +70°C
Storage Temperature:	-40 to +85°C
Operating Humidity:	Up to 90%, non-condensing
Dimensions :	7.00"W x 3.25"D x 1.5"H
(excluding connectors)	[177.8 x 82.6 x 38.1mm]
Connectors:	SMA-F



Receive Channel



Transmit Channel

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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

