

# WSD-00136 AMPS Fullband Duplexer

## ◆ Features:

- High Isolation - 85 dB Minimum
- Low Insertion Loss - 0.7 dB Typical
- High Return Loss - 20 dB Typical
- Low Passive Intermodulation Products



## ◆ Specifications:

Passbands		Maximum Transmit Power Handling	
Receive:	824 - 849 MHz	CW:	45 Watts
Transmit:	869 - 894 MHz	Peak Instantaneous:	450 Watts
Passband Insertion Loss:	1 dB max.	Passband Return Loss:	17 dB min.
Passband Ripple:	0.4 dB p-p max.	Intermodulation Products:	-110 dBm max. with two +43 dBm carriers input into TX port
Antenna-to-Receive Rejection		Operating Temperature:	0°C to +50°C
DC - 784 MHz:	60 dB min.	Storage Temperature:	40°C to +85°C
869 - 894 MHz:	85 dB min.	Operating Humidity:	0 to 90%, Non-condensing
894 - 2574 MHz:	50 dB min.	Dimensions:	6.75"W x 6.32"D x 2.75"H [171.5 x 160.6 x 70mm]
Transmit-to-Antenna Rejection		Connectors:	N-F
DC - 824 MHz:	60 dB min.		
824 - 849 MHz:	85 dB min.		
934 - 2682 MHz:	50 dB min.		
Channel-to-Channel Isolation:	85 dB min.		

## ◆ Applications:

- Micro and Pico Cellular BTS
- Test Stands and Equipment

Filtering Solutions for Your Global Market

### USA

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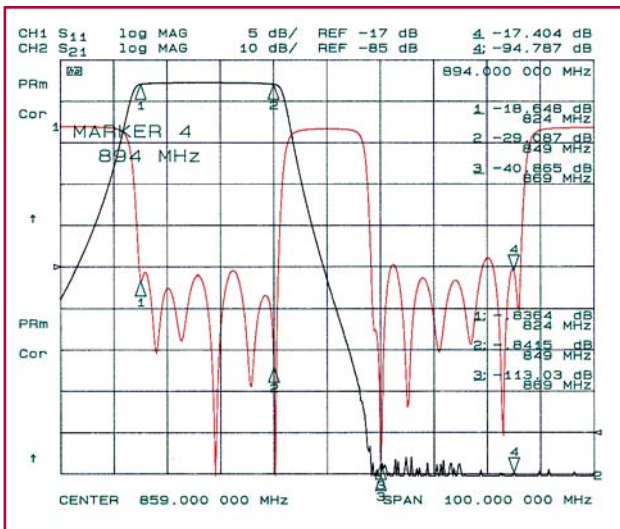
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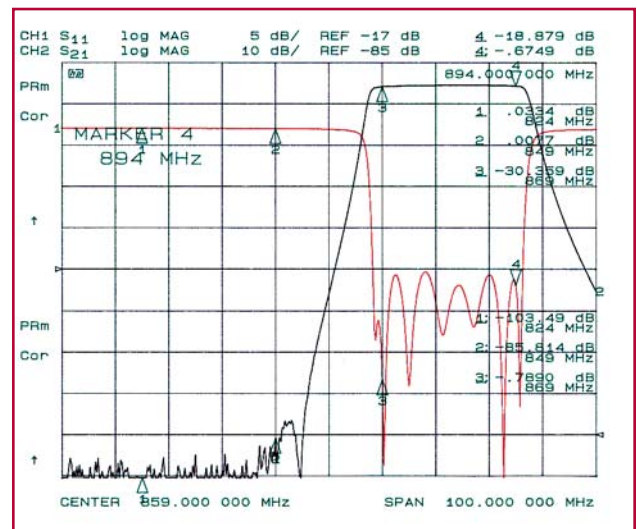
Order On-Line @ [www.klmicrowave.com](http://www.klmicrowave.com)



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Receive Channel



Transmit Channel

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