

# Low-PIM Duplexer 824-849 / 869-894 (Band 5) — WSD-00728

Low-PIM, High Power TEM Duplexer Routes (Splits/Combines) TX/RX Signals

## ◆ Applications:

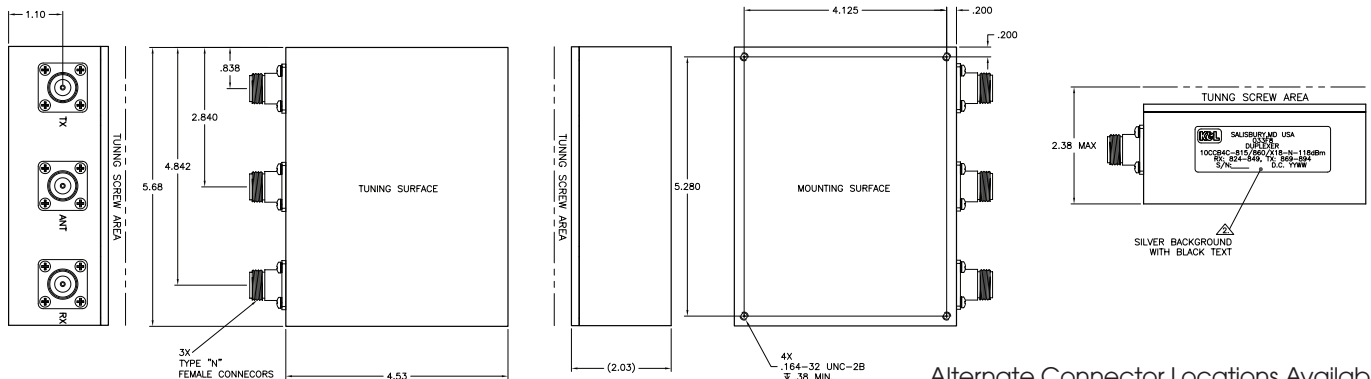
- DAS Networks for Indoor/Outdoor Applications
- Test Equipment
- Base Stations

## ◆ Technical Data

Passband	
Lowband - RX:	824 - 849 MHz
Highband - TX:	869 - 894 MHz
Insertion loss	
Antenna - TX:	0.85 dB
Antenna - RX:	0.85 dB
Isolation RX-TX:	70 dB
Return Loss:	-20 dB
Impedance:	50 Ω
Input Power:	100 W
Third Order Intermodulation Product: (2 x 20 W tones input to the antenna port measured in the reflective mode)	156 dBc, N-Type Connector 161 dBc, 7/16 Connector
Temperature Range:	-20°C to +50°C
Connectors:	N or 7/16
Application:	Indoor (Sealed Outdoor Units Available)
Mounting:	4 Mounting holes, 8 - 32 (Custom Mounting Available)
Dimensions (W x H x D):	5.68" x 4.53" x 2.38"

Other custom RF and performance mechanical configurations available.

## ◆ Outline Drawing:

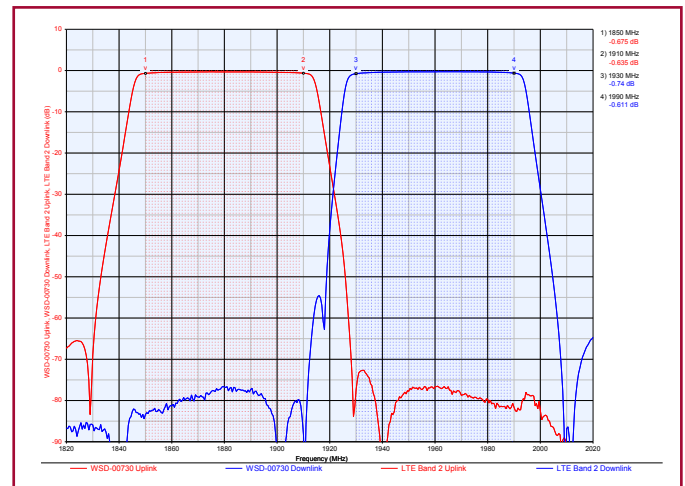


Alternate Connector Locations Available

[www.klmicrowave.com](http://www.klmicrowave.com)  
Phone: 410-749-2424 • FAX: 443-260-2268  
Email: [sales@klmicrowave.com](mailto:sales@klmicrowave.com)



[www.klfilterwizard.com](http://www.klfilterwizard.com)  
2250 Northwood Drive  
Salisbury, MD 21804



Measured Performance Data