

WSN-00084 — UMTS Notch Filter

◆ Features:

- Low Insertion Loss Better Than 0.5 dB Across Full Band
- 100 Watt CW Passband Power Handling
- Excellent Rejection Over Full UMTS Band
- Low Intermod Rejection of -120 dBc

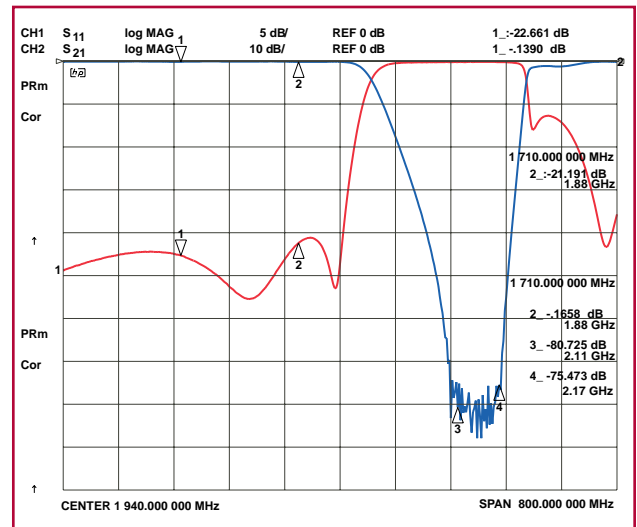


◆ Specifications:

Passband:	DC—1880 MHz	Operating Temperature:	0°C to 50°C
Passband Insertion Loss:	0.5 dB max.	Storage Temperature:	-40°C to 85°C
Passband Flatness:	0.25 dB max.	Operating Humidity:	0% to 90% Non-condensing
Rejection 2110-2170 MHz:	60 dB min.	Dimensions: (excluding connectors)	10" L x 1.5" W x 2.25" H [254 x 38.1 x 57.2 mm]
Passband Return Loss:	20 dB min.	Connectors:	SMA or N type
Intermod Rejection:	-120 dBc within reject band at 2 x 33 dB carriers		

◆ Applications:

- For use within test bed applications on digital cellular telephone networks operating in the W-CDMA frequency ranges. The notch filter removes all UMTS frequencies with minimal operational loss at W-CDMA.



Passband and Return Loss

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