

WIRELESS BAND REJECT FILTERS



RLC Electronics' Wireless Band Reject Filters are available to suppress the most common wireless bands. These standard units employ 12 resonators, and provide a full 40dB of rejection

over the bands specified. Large cavities and low loss coupling elements result in low losses over wide pass bands.

Specifications BR-*-*-12-1

Model No.	Rejection Band 40 dB (MHz)	Pass Bands (MHz).	Pass Band Insertion Loss (dB)	Pass Band Edge Insertion Loss (dB)
BR-836.5-25-12 ⁻¹	824-849	0-819 & 854-2200	1.2	3.5
BR-881.5-25-12 ⁻¹	869-894	0-864 & 899-2200	1.2	3.5
BR-897.5-35-12 ⁻¹	880-915	0-873 & 922-2200	1.2	3.0
BR-942.5-35-12 ⁻¹	925-960	0-918 & 967-2200	1.2	3.0
BR-1747.5-75-12 ⁻¹	1710-1785	0-1697 & 1798-3000	1.2	3.0
BR-1842.5-75-12 ⁻¹	1805-1880	0-1792 & 1893-3000	1.2	3.0
BR-1880-60-12 ⁻¹	1850-1910	0-1839 & 1921-3000	1.2	3.0
BR-1950-60-12 ⁻¹	1920-1980	0-1908 & 1992-3000	1.2	3.0
BR-1960-60-12 ⁻¹	1930-1990	0-1918 & 2002-3000	1.2	3.0
BR-2140-60-12 ⁻¹	2110-2170	0-2098 & 2182-3000	1.2	3.0

Impedance: 50 ohms

Connector: N Female or SMA Female

Pass Band VSWR: 1.5:1 max.

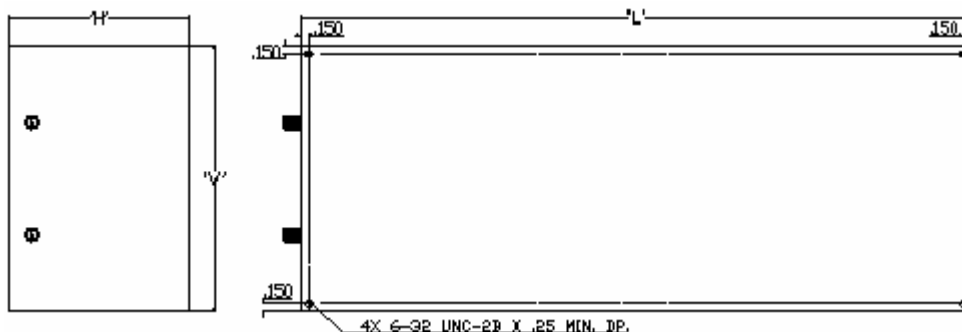
Temperature: 15 to +40° C

To designate the filter desired use:

- (1) N for N Female connectors OR R for SMA Female Connectors

Example: BR-836.5-25-12-R is a 836.5 MHz center frequency, 25 MHz passband, 12-section, Band Reject Filter with SMA (female) connectors.

OUTLINE DRAWING



MODEL NO.	L	H	W
BR-836.5-25-12	12	4.2	4.75
BR-881.5-25-12	12	4.2	4.75
BR-897.5-35-12	12	4.2	4.75
BR-942.5-35-12	12	4.2	4.75
BR-1747.5-75-12	8	2.7	3.75
BR-1842.5-75-12	8	2.7	3.75
BR-1880-60-12	8	2.7	3.75
BR-1950-60-12	8	2.7	3.75
BR-1960-60-12	8	2.7	3.75
BR-2140-60-12	8	2.7	3.75

Specifications subject to change without notification.

Tolerances unless otherwise specified are .xx +/- .02. xxx +/- .005

Specials requiring closer tolerances, different frequency ranges, special connectors different materials, finishes, etc. can be furnished upon request.



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