

PCS 5 / 15 MHz Band Receive Filters

- **Passes Individual A-F,
5 or 15 MHz PCS Receive Bands**
- **High Rejection at PCS Tx Bands**
- **Low Insertion Loss**
- **Small Footprint**
- **Excellent Temperature Stability**



DESCRIPTION

Narda West's series of PCS Band Receive Filters provide coverage of individual A through F bands with the extremely high performance provided by ceramic resonators. These devices are designed to provide less than 1.0 dB insertion loss over the design passband with less than 2.0 dB loss at the band edges. They are extremely low loss, coupled with excellent temperature

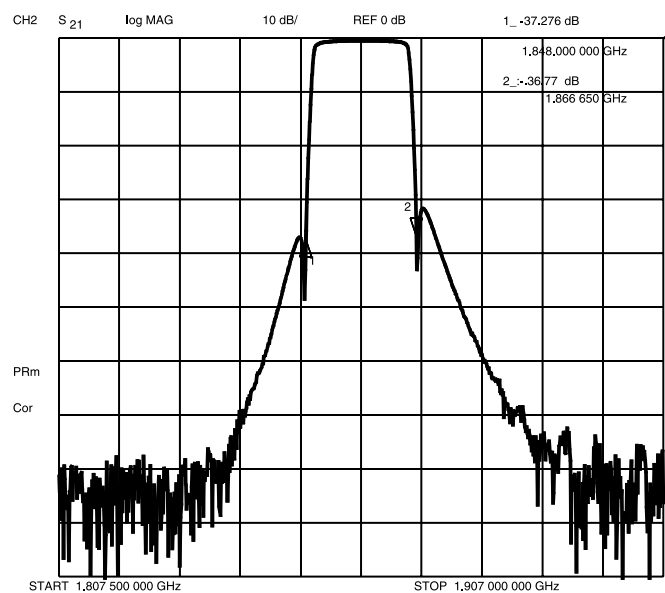
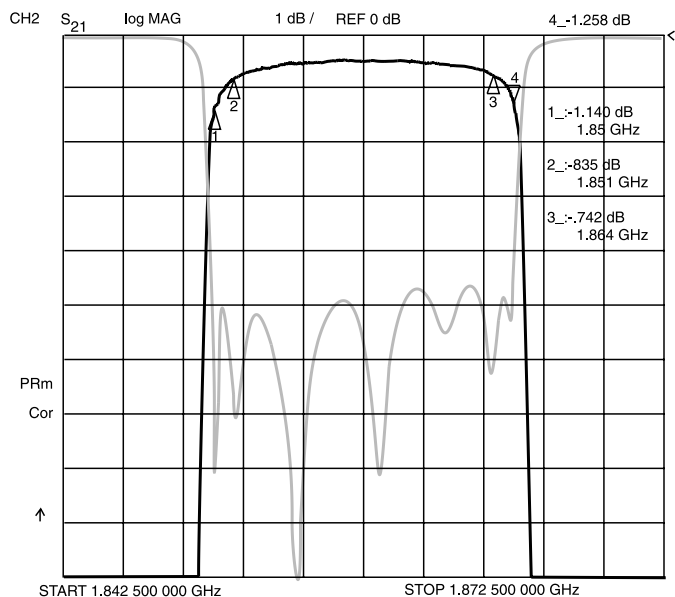
stability, provides superior performance from 0 to + 65°C. The use of magnetic coupling between non-adjacent resonators is achieved through excellent stopband rejection. The units provide out-of-band attenuation to 2000 MHz. They are provided with SMA female connectors.

SPECIFICATIONS

MODEL NUMBER	PCS BAND	PASSBAND (MHz)	INS LOSS (dB)	VSWR	30 dB STOPBAND ATTENUATION	60 dB STOPBAND ATTENUATION
SFB-01A-1818-02	A	1850 - 1865 1851 - 1864	2.0 1.0	1.3:1 1.3:1	1785.00 - 1848.35 1866.65 - 1930.00	DC - 1785 1930 - 2000
SFB-01A-1818-03	B	1870 - 1885 1871 - 1884	2.0 1.0	1.3:1 1.3:1	1805.00 - 1868.35 1886.65 - 1950.00	DC - 1805 1950 - 2000
SFB-01A-1818-04	C	1895 - 1910 1896 - 1909	2.0 1.0	1.3:1 1.3:1	1830.00 - 1893.35 1911.65 - 1970.00	DC - 1830 1970 - 2000
SFB-01A-1818-05	D	1865 - 1870 1866 - 1869	2.0 1.0	1.3:1 1.3:1	1790.00 - 1863.35 1871.65 - 1945.00	DC - 1790 1945 - 2000
SFB-01A-1818-06	E	1885 - 1890 1886 - 1889	2.0 1.0	1.3:1 1.3:1	1810.00 - 1883.35 1891.65 - 1965.00	DC - 1810 1965 - 2000
SFB-01A-1818-07	F	1890 - 1895 1891 - 1894	2.0 1.0	1.3:1 1.3:1	1815.00 - 1888.35 1896.65 - 1970.00	DC - 1815 1970 - 2000

Operating Temperature: 0 to +65°C

TYPICAL MEASURED DATA



OUTLINE DRAWING

