

UHF Bandpass filter

1.5 kW rms, 6 Cavities

BAND IV-V

10
year
GUARANTEE

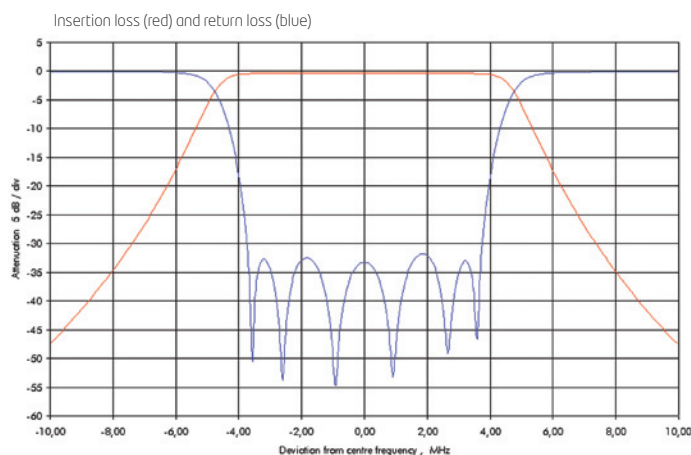
PRODUCT FEATURES

- Available with cross-coupling
- Small size
- 19" rack-mountable
- Any combination of connections
- Extremely stable
- Low insertion loss
- Temperature compensated
- Retunable
- Adjustable bandwidth for 6, 7 or 8 MHz
- 10-year comprehensive warranty



PRODUCT PROFILE

Built with special space-saving techniques and combining many of the best elements from various technologies, this filter meets all of the demands of broadcasters today. Not only does it feature low loss, high rejection and temperature stability, but it is also very small in relation to output power. This allows for easy mounting in a 19" rack either separately or as part of a compact combiner system. For even greater convenience, the filter can be ordered with inputs and outputs of different sizes and types, enabling customers to mix and match connections to suit any need.



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|-----------------------------|---|-----------------------------|-----------------------------|
| ARTICLE | BPF4-6C14-AF00 | | |
| FREQUENCY | 470 - 860 MHz | | |
| MAXIMUM INPUT POWER | 1.5 kW rms | | |
| IMPEDANCE | 50 Ohm | | |
| VSWR | <1.1 (>26 dB) | <1.17 (>22 dB) | <1.17 (>22 dB) |
| INSERTION LOSS | No crosscoupling | Crosscoupling single | Crosscoupling double |
| Centre frequency | <0.4 dB | <0.35 dB | <0.35 dB |
| ±3.8 MHz | <0.6 dB | <0.8 dB | <1.0 dB |
| ±4.2 MHz | >1.0 dB | >2.6 dB | >8.0 dB |
| ±6.0 MHz | >20 dB | >18 dB | >30 dB |
| ±12.0 MHz | >60 dB | >40 dB | >32 dB |
| STANDARD CONNECTIONS | EIA 1 5/8" unflanged | | |
| OPTIONAL CONNECTIONS | DIN 7/16 f/m, EIA 3 1/8" unflanged | | |
| DIMENSIONS | 513 x 335 x 233-303 mm (20.3 x 13.2 x 11.9 in) | | |
| WEIGHT | ~25 kg (55 lb) | | |