

Mini Series CBR Band Reject Tiering Filters

Band reject filters remove a series of adjacent channels. Channel segmentation allows systems to offer alternate levels of service to subscribers. PPC's "Caliber Band Reject" series filters provide electrical performance equivalent to traditional 10-pole configurations in a small, efficient package.

Features

- Patented military-style hermetic glass-to-metal seals for long-term filter stability
- Small physical size minimizes risk of port damage
- Precision four-point female seizure contact
- SCTE compliant connector interfaces
- Accommodates PPC port seal WS-500
- Custom values available upon request



Available in
AK Assembly

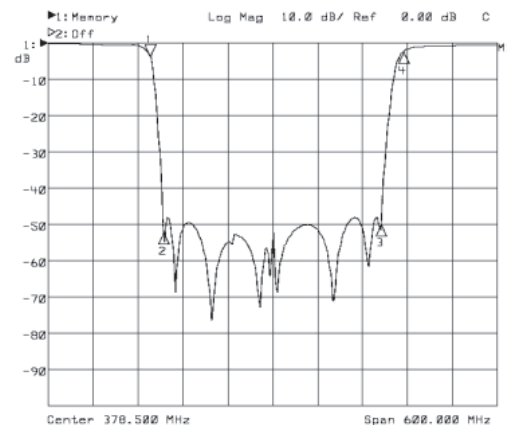
Specifications

| | |
|-------------------------|--|
| Minimum Operating | |
| Frequency | 1,002 MHz minimum |
| Impedance | 75 Ohms (nominal) |
| Shielding Effectiveness | > 120 dB |
| Dimensions | Length = 2.15 in (5.46 cm) Diameter = 0.81 in (21 mm) |
| Surge | 6 kV per SCTE IPS-TP-210 |

Trap Specifications (Model Specific)

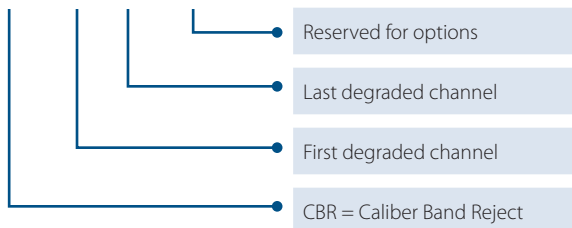
Model: **CBR-23/78** Prep. By T.H. Date: 11/02/04
 Passband insertion loss: 1 dB Minimum operating frequency: 1 GHz

| Marker # | Freq. Desc. | Freq. (MHz) | Typical Loss (dB) | Limits (dB) |
|----------|-------------|-------------|-------------------|-------------|
| 1 | 13 aud. | 215.75 | 3.7 | 5.5 max. |
| 2 | 25 aud. | 233.75 | 52 | 45 min. |
| 3 | 74 vid. | 523.25 | 50 | 45 min. |
| 4 | 79 vid. | 553.25 | 2.4 | 4.5 max. |
| 5 | | | | |
| 6 | | | | |
| 7 | | | | |
| 8 | | | | |



Sample Part#:

CBR-23/78 HRC



Reserved for options

Last degraded channel

First degraded channel

CBR = Caliber Band Reject