

FM Radio cavity filters

Single cavity Band-pass or notch filters

FM Radio 87.5-108MHz

ZCG's range of FM Radio cavity filters are available in either band-pass or notch (band-reject) configurations for military or civilian applications within 87.5-108MHz. Alternate frequency models for Airband, VHF or UHF are also available.

Constructed from gold anodised aluminium, PTFE insulators and a INVAR tuning rod, the ZCG filter range are designed and manufactured for a reliable and long term service life.

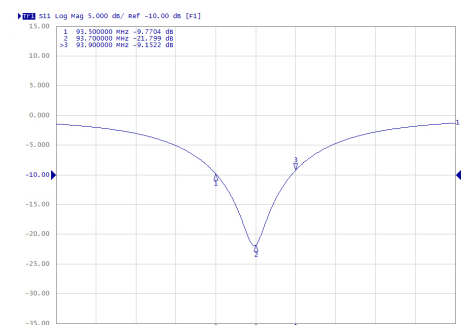
Consult ZCG on your specific requirements if you cannot see a solution below.



T-junction adaptor supplied with notch filter

Scaled coupling cables order separately

| Specifications | ZVBF-18887-200 | ZVBF-HP-18887-200 | ZVBFN-18887-200 |
|----------------------------------|--|-------------------|-----------------------------|
| Construction | Gold anodised aluminium body, invar tuning bar, and PTFE insulators | | |
| Filter type | Single cavity band-pass | | Single cavity notch |
| Frequency range | FM radio 87.5-108MHz | | |
| Bandwidth - specify | 200kHz around specified frequency | Single channel | |
| Tuning | Factory/field tune - can be tuned anywhere within band | | |
| VSWR | <1.2:1 | | N/A |
| Impedance | 50 Ohms | | |
| Band-pass attenuation | 0.3-0.5dB | | N/A |
| Input connector | N-type female | 7/16" DIN female | N-type female |
| Output connector | N-type female | 7/16" DIN female | N/A |
| Maximum Power | 250 Watts | 2 Kilowatts | 250 Watts |
| Weight | 8.0kg | 10.0kg | 8.0kg |
| Dimensions | Height: 800mm Diameter: 203mm | | |
| Accessories | Scaled coupling leads can be order separately | | T-junction adaptor supplied |
| Mounting hardware order separate | Wall mounting: 1 x SWB-CH-400 or 2 x SWB-100-F Rack Mounting: 1 or 2 x A-2806-2 | | |



ZVBF-18887-200 performance