

PRINTED FILTERS & DIELECTRIC FILTERS

For FM Radio & TV



| Bands (Country) | Shape | Type | Frequency Range (MHz) | Dimensions (mm) | | | Application |
|-------------------|--------|----------|-----------------------|-----------------|-----|-----|--------------------------|
| | | | | W | H | T | |
| Over seas | Leaded | GFMB3 | 88~108 | 10.5 | 6.0 | 2.5 | Standard |
| | | GFWE2 | 88~108 | 10.5 | 6.0 | 2.5 | Emitter grounded |
| | | GFMB6 | 88~108 | 10.5 | 6.0 | 2.5 | Standard (New Item) |
| | | GFMB5 | 88~108 | 7.5 | 5.0 | 2.5 | Low cost type (New Item) |
| | | GFMB7 | 88~108 | 9.5 | 6.0 | 2.5 | Low cost type (New Item) |
| | Chip | GFMB1 | 88~108 | 3.5 | 4.8 | 1.5 | Base grounded |
| | | GFWE1 | 88~108 | 3.5 | 4.8 | 1.5 | Emitter grounded |
| Wide | Leaded | GFWB3 | 76~108 | 10.5 | 6.0 | 2.5 | Standard |
| | | GFKE2 | 76~108 | 10.5 | 6.0 | 2.5 | Emitter grounded |
| | | GFWB7 | 76~108 | 9.5 | 6.0 | 2.5 | Low cost type (New Item) |
| | Chip | GFWB1 | 76~108 | 3.5 | 4.8 | 1.5 | Base grounded |
| | | GFKE1 | 76~108 | 3.5 | 4.8 | 1.5 | Emitter grounded |
| Japan | Leaded | GFJB3 | 76~90 | 10.5 | 6.0 | 2.5 | Standard |
| | | GFWB4 | 76~222 | 10.5 | 6.0 | 2.5 | FM+VHF |
| | | GBP154B1 | 76~222 | 14.5 | 6.0 | 2.5 | FM+VHF |
| TV Audio | Leaded | GFTB3 | 175~230 | 10.5 | 6.0 | 2.5 | VHF High-CH |
| Eastern Europe | Leaded | GFCB3 | 65~74 | 10.5 | 6.0 | 2.5 | Eastern Europe |
| | | GFEB4 | 65~108 | 10.5 | 6.0 | 2.5 | Wide Eastern Europe |
| | | GFEB3 | 56~108 | 10.5 | 6.0 | 2.5 | USA-TV Audio |
| FM↔TV Separator | Leaded | GTVSB1 | 76~108/175~222 | 14.5 | 6.0 | 2.5 | Base grounded |
| | | GTVS03 | 59~108/165~216 | 14.5 | 6.0 | 2.5 | Base grounded |
| | Chip | GTVS05 | 76~108/175~222 | 3.5 | 5.4 | 1.5 | Base grounded |
| | | GTVS04 | 76~108/175~222 | 5.0 | 7.2 | 1.5 | Base grounded |
| | | GTVS02 | 76~108/175~222 | 5.0 | 7.2 | 1.5 | Emitter grounded |
| VHF-UHF Separator | Leaded | GUVS02 | 40~300/470~890 | 14.5 | 6.0 | 2.5 | U/V Separator |
| | | GUVS04 | 40~230/470~890 | 14.5 | 6.0 | 2.5 | U/V Separator |

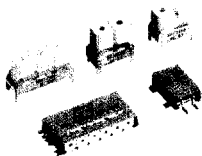
Custom made:

Please contact us for the custom design with following information:

1. Frequency characteristics (in the range of 50 MHz ~ 2 GHz)
2. Stop band and Attenuation
3. In-Out Impedance
4. Application and others

Coaxial Dielectric filter

- Low-loss & high-attenuation.
- Various terminal (pin, SMD & connector) are available.
- Special design is also available.



| Type | f ₀ (MHz) | BW (MHz) | Insertion Loss (dB MAX) | Pass band Ripple (dB MAX) | Returnloss (dB MIN) | Attenuation (dB MIN) |
|---------|----------------------|----------------|-------------------------|---------------------------|---------------------|-----------------------------|
| DFP7004 | 820 | f ₀ | 2.0 | — | 15 | 43 (f ₀ ±130MHz) |
| DFP7005 | 950 | 20 | 0.35 | 0.12 | 18 | 20 (f ₀ -64MHz) |
| DFP7007 | 930 | 20 | 0.35 | 0.12 | 18 | 20 (f ₀ -44MHz) |
| DFP7008 | 1441 | 6 | 2.5 | 0.2 | 20 | 23 (f ₀ +41MHz) |
| DFP7009 | 1480 | f ₀ | 2.5 | — | 15 | 33 (f ₀ ±135MHz) |
| DFP7021 | 1459 | 12 | 2.0 | 0.5 | 10 | 35 (f ₀ ±122MHz) |
| DFP7029 | 870 | 50 | 3.0 | 0.5 | 15 | 43 (f ₀ ±140MHz) |
| DFP7050 | 890 | 20 | 3.0 | — | 15 | 45 (f ₀ ±80MHz) |
| DFP7071 | 850 | 40 | 1.5 | 0.5 | 16 | 40 (f ₀ ±140MHz) |