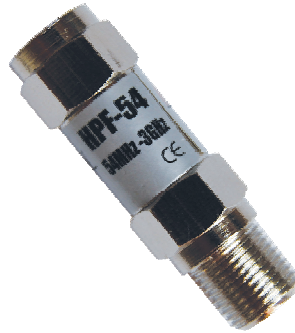


Century Electronics

High Pass Filter 3 GHz



Description:

These high performance high pass filters exhibit minimal loss within the pass band while reject maximum signals from below the cut off frequency stop band. They require no external components or adjustments.

Features:

- High return loss
- Low harmonic distortion
- Plug-in ready to use
- Factory tuned frequency or customer specified

| PARAMETER | FREQUENCY (MHz) | HPF-30 | | HPF-47 | | HPF-54 | | HPF-70 | | HPF-85 | |
|---|-----------------|--------------------------------|------|--------|------|--------|------|--------|------|--------|------|
| | | TYP. | QA. | TYP. | QA. | TYP. | QA. | TYP. | QA. | TYP. | QA. |
| Insertion Loss Input to Output Maximum (dB) | 30-3000 | 1.5 | 1.7 | | | | | | | | |
| | 47-3000 | | | 1.5 | 1.7 | | | | | | |
| | 54-3000 | | | | | 1.5 | 1.7 | | | | |
| | 70-3000 | | | | | | | 1.5 | 1.7 | | |
| | 85-3000 | | | | | | | | | 1.5 | 1.7 |
| Rejection Input to Output Minimum(dB) | 5-20 | 38 | 36 | | | | | | | | |
| | 5-32 | | | 35 | 33 | | | | | | |
| | 5-42 | | | | | 37 | 35 | | | | |
| | 5-60 | | | | | | | 40 | 37 | | |
| | 5-70 | | | | | | | | | 35 | 33 |
| Return Loss Input/Output Minimum(dB) | 30-3000 | 18 | 16 | | | | | | | | |
| | 47-3000 | | | 18 | 16 | | | | | | |
| | 54-3000 | | | | | 19 | 17 | | | | |
| | 70-3000 | | | | | | | 18 | 16 | | |
| | 85-3000 | | | | | | | | | 18 | 16 |
| RFI (dB) | 10-3000 | -130 | -120 | -130 | -120 | -130 | -120 | -130 | -120 | -130 | -120 |
| Impedance | 10-3000 | 75 Ohm | | | | | | | | | |
| Waterproof Test (Min) | | 10 PSI | | | | | | | | | |
| Operating Temperature | | -40 degrees C to +60 degrees C | | | | | | | | | |
| Corrosion Resistance | | Meets SCTE/ANSI Specification | | | | | | | | | |

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