

# FRPT-2

## VHF 150 MHz 150 Watts Helical Band-Pass/Band-Reject Filter

- For use in repeaters and full duplex radios.
- Steel chassis with teflon isolators and aluminium extruded cavities.
- High Q helical silver plated resonators.
- Easy tuning.
- FRPT-233: 3 resonators

### ELECTRICAL SPECIFICATIONS

|                     |  |
|---------------------|--|
| Type                | VHF - Helical Band-Pass/Band-Reject Filter |
| Frequency           | 134 - 175 MHz                              |
| Pass-Reject Spacing | ≥ 2.0 MHz                                  |
| Insertion loss      | ≤ 0.8 dB                                   |
| Attenuation         | ≥ 60 dB                                    |
| VSWR                | ≤ 1:1.5                                    |
| Impedance           | 50 Ohm                                     |
| Maximum Input Power | 150 Watts                                  |
| Frequency Stability | 9 ppm/°C (approx.)                         |

### MECHANICAL SPECIFICATIONS

|                       |                      |
|-----------------------|----------------------|
| Color                 | Black Grey (RAL7021) |
| Dimension             | 180 x 155 x 55 mm    |
| Weight                | 1.0 kg               |
| Operating Temperature | -30°C to +60°C       |
| Connector             | Type N-female        |
| Serial no.            | On product label     |

### ORDERING INFORMATION

|          |                     |
|----------|---------------------|
| FRPT-233 | Not tuned<br>In Box |
|----------|---------------------|