

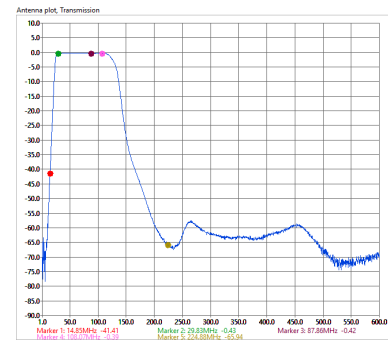


Features

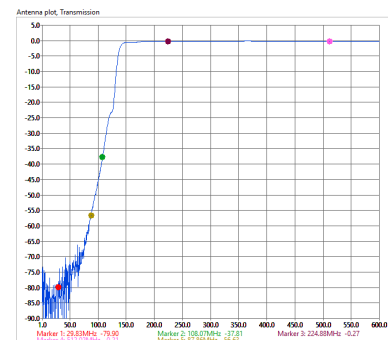
- Diplexer for combining two radios into a single antenna
- VHF - 30-88 (108) MHz
UHF - 225-600 MHz
- High isolation, low loss
- HF to VHF filter, 1-15MHz discrimination

Electrical specification

| Band | VHF | UHF |
|------------------------|----------------------------------|----------------------------|
| Frequency range | 30-88 (108) MHz | 225-600 MHz |
| VSWR | < 1.5:1 | < 1.5:1 |
| Nominal impedance | 50 Ω | 50 Ω |
| Power rating | 75 W CW | 75 W CW |
| Insertion loss | < 0.3 dB typ 0.5 dB max | < 0.3 dB typ 0.5 dB max |
| Isolation (VHF to UHF) | > -50 dB (> -35 dB @ 108 MHz) | |
| Isolation (HF to VHF) | > -40 dB | |
| Connectors | 3 x N Type Female | |



VHF 30-88 (108) MHz



UHF 225-600 MHz

Mechanical specification

| | |
|--------------------|---------------------------------|
| Design | Aluminum housing |
| Dimensions housing | 120 x 55 x 24 mm |
| Dimension overall | 120 x 55 x 48 mm |
| Weight | 490g |
| Temperature range | -55°C to +71°C, -67°F to +160°F |

