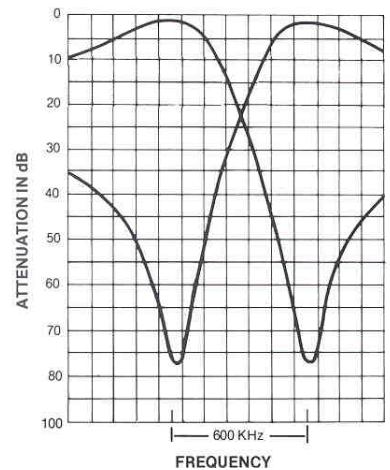


## PRD-1554 (144-174 MHz) VHF BANDPASS-REJECT DUPLEXER

This duplexer uses a high Q cavity to provide superior band-pass and band-reject characteristics. It consists of four 5" OD cavities interconnected with double-shielded coaxial cable. Quality materials are used throughout the duplexer to assure top performance and long life. The duplexer is factory tuned to the exact transmit and receive frequencies prior to shipment. The duplexer can be mounted in any position but is normally mounted vertically, with tuning rods up.

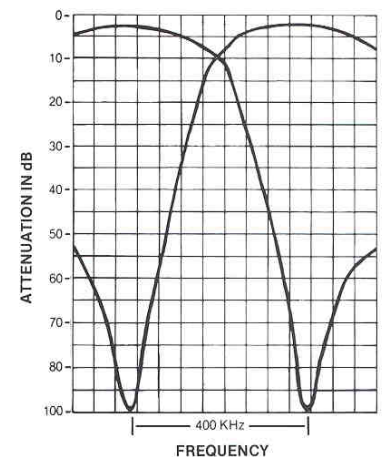


### SPECIFICATIONS

|   |                 |
|---|-----------------|
| <b>Tuning range:</b> A range                | 144-174 MHz     |
| <b>Minimum Frequency Separation:</b>        | 0.6 MHz or more |
| <b>Maximum Power Input:</b>                 | 350 Watts       |
| <b>Insertion Loss:</b> (0.5 MHz separation) | 1.5 dB          |
| <b>Attenuation:</b> (0.5 MHz separation)    | 77 dB           |
| <b>Maximum VSWR:</b> (50 ohms)              | 1.5 to 1        |
| <b>Temperature Range:</b>                   | -30°C to +70°C  |
| <b>Dimensions:</b>                          | 11" x 19" x 28" |
| <b>Connector Terminations:</b>              | Type N Female   |
| <b>Finish:</b>                              | Gray Enamel     |
| <b>Net Weight:</b>                          | 22 lbs          |

## PRD-1556 (144-174 MHz) VHF BANDPASS-REJECT DUPLEXER

This duplexer uses a high Q cavity to provide superior band-pass and band-reject characteristics. It consists of six 5" OD band-pass-reject cavities interconnected with double shielded coaxial cable. Quality materials are used throughout the duplexer to assure top performance and long life. The duplexer is factory tuned to the exact transmit and receive frequencies prior to shipment. The duplexer can be mounted in any position but is normally mounted vertically, with tuning rods up.



### SPECIFICATIONS

|   |                 |
|---|-----------------|
| <b>Tuning range:</b> A range                | 144-174 MHz     |
| <b>Minimum Frequency Separation:</b>        | 0.4 MHz or more |
| <b>Maximum Power Input:</b>                 | 350 Watts       |
| <b>Insertion Loss:</b> (0.5 MHz separation) | 2.0 dB          |
| <b>Attenuation:</b> (0.6 MHz separation)    | 100 dB          |
| <b>Maximum VSWR:</b> (50 ohms)              | 1.5 to 1        |
| <b>Temperature Range:</b>                   | -30°C to +70°C  |
| <b>Dimensions:</b>                          | 11" x 19" x 28" |
| <b>Connector Terminations:</b>              | Type N Female   |
| <b>Finish:</b>                              | Gray Enamel     |
| <b>Net Weight:</b>                          | 29 lbs          |

**TO ORDER: 1-800-975-4024** FOR TECHNICAL INFORMATION: 530-672-9053 FAX: 530-672-8749  
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