

# DBS3060 (148-174 MHz)

## VHF Bandpass Reject Duplexer

### ELECTRICAL SPECIFICATIONS

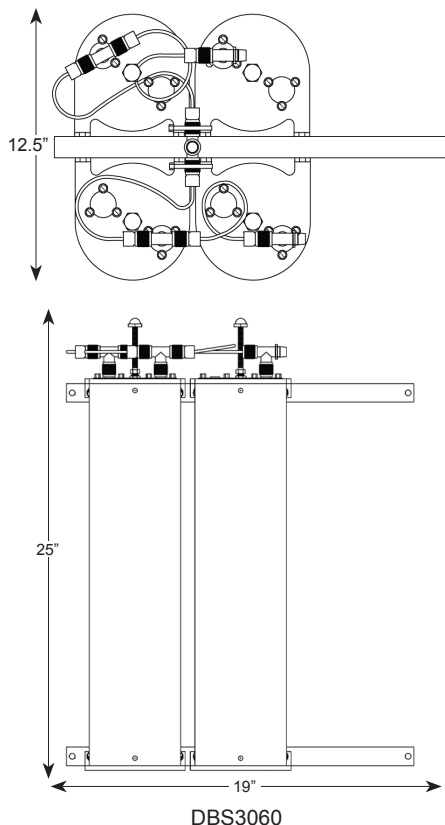
|                                 |                                     |
|---------------------------------|-------------------------------------|
| Frequency Range, MHz            | 148-174                             |
| Frequency Separation (min), kHz | 500                                 |
| Isolation, dB                   | 70 @ 0.5 - 1.0 MHz<br>80 @ >1.0 MHz |
| Transmitter Loss, dB            | 1.7                                 |
| Receiver Loss, dB               | 1.7                                 |
| Return Loss, dB                 | 14                                  |
| Impedance, Ohms                 | 50                                  |
| Power Rating, Watts             | 100                                 |

### MECHANICAL SPECIFICATIONS

|                            |                  |
|----------------------------|------------------|
| Construction/Finish        | Aluminum/Black   |
| Input Connector            | N(F)             |
| Mounting                   | EIA 19-inch Rack |
| Temperature Range, degrees | -30 to +60 C     |

### DIMENSIONS

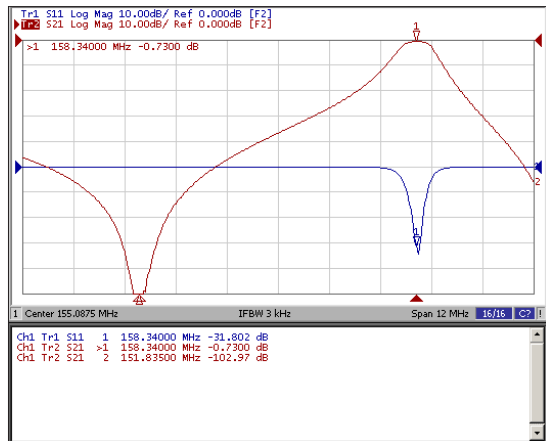
|                         |            |
|-------------------------|------------|
| Cavity Diameter, in(mm) | 5 (127)    |
| Width, in(mm)           | 19 (482.5) |
| Height, in(mm)          | 25 (635)   |
| Height, RU              | 14.3       |
| Depth, in(mm)           | 12.5 (318) |
| Net Weight, lb(kg)      | 25 (11.3)  |
| Shipping Weight, lb(kg) | 35 (15)    |



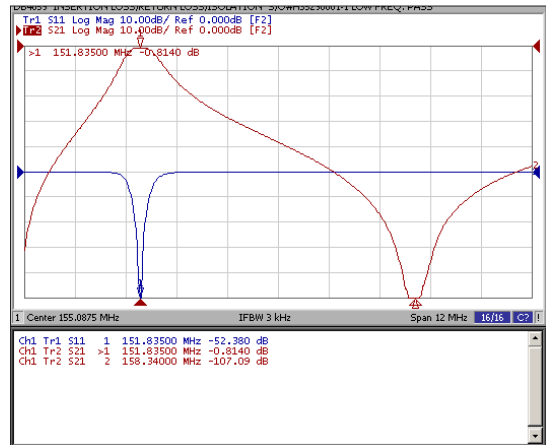
### FEATURES AND BENEFITS

- Compact packaging.
- Field proven 5-inch cavity design.
- Cost effective solution for duplexed applications.
- 0.5 MHz transmitter to receiver separation.
- EIA 19-inch rack mountable.

### SELECTIVITY CURVE



High Pass



Low Pass