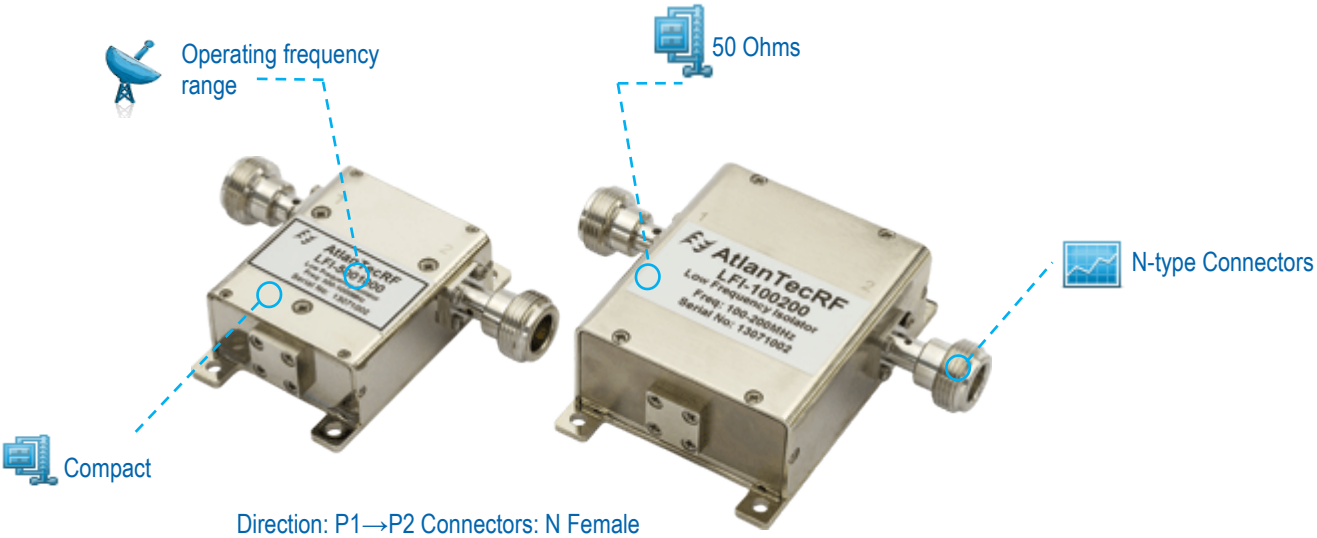
Atlantic Microwave

LFI Series

# Low Frequency Isolators

- 100MHz-1000MHz

The LFI-20000 series of coaxial isolators are designed for low power applications in communications, test and measurement and scientific research applications requiring good RF performance in a compact and economic package.




Direction: P1→P2 Connectors: N Female
Dimensions in mm

| General Specifications | |
|---|---|
| Impedance | 50 ohms |
| Operating Temperature Range | -20 to +70C |
| Connectors | Type N Female |
| Finish | Nickel Plated |

| Model No | Frequency Range (MHz) | Isolation (dB) min. | Insertion Loss (dB) max. | VSWR max. | Average Power (W) max. Forward/Reverse | Outline Fig. |
|---|---|---|---|---|---|---|
| LFI-100200 | 100-200 | 16 | 1.4 | 1.5 | 50/10 | 1 |
| LFI-200400 | 200-400 | 15 | 1.2 | 1.5 | 50/10 | 1 |
| LFI-300500 | 300-500 | 17 | 0.9 | 1.4 | 50/10 | 2 |
| LFI-5001000 | 500-1000 | 14 | 1.5 | 1.6 | 15/10 | 2 |

Fig. 1

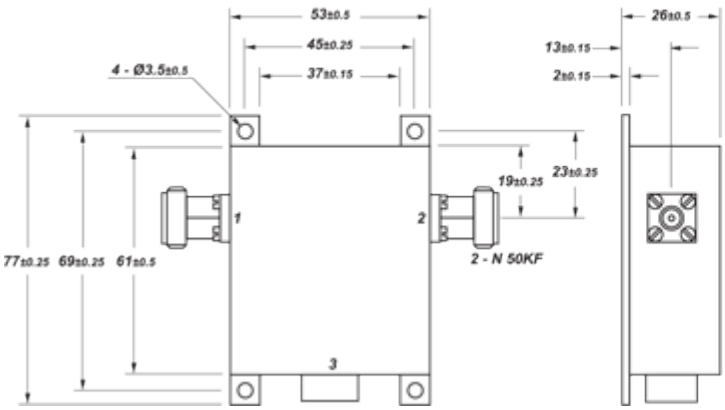
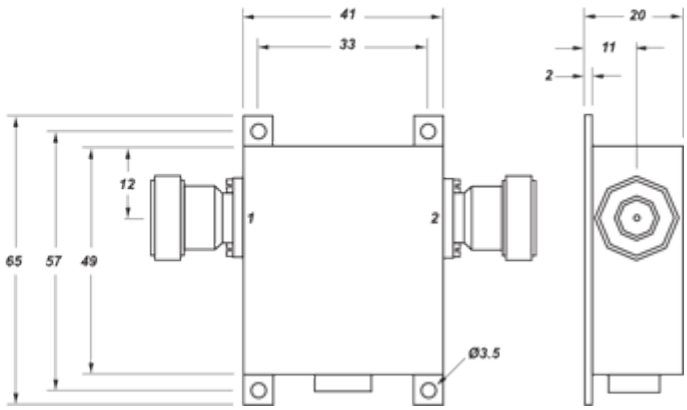



Fig. 2




Note 1: The specification is subject to regular reviews and will be updated from time to time as part of our continuing product development and improved spec accuracy.
Note 2: Operation beyond the quoted limits stated above may cause instantaneous and permanent damage.