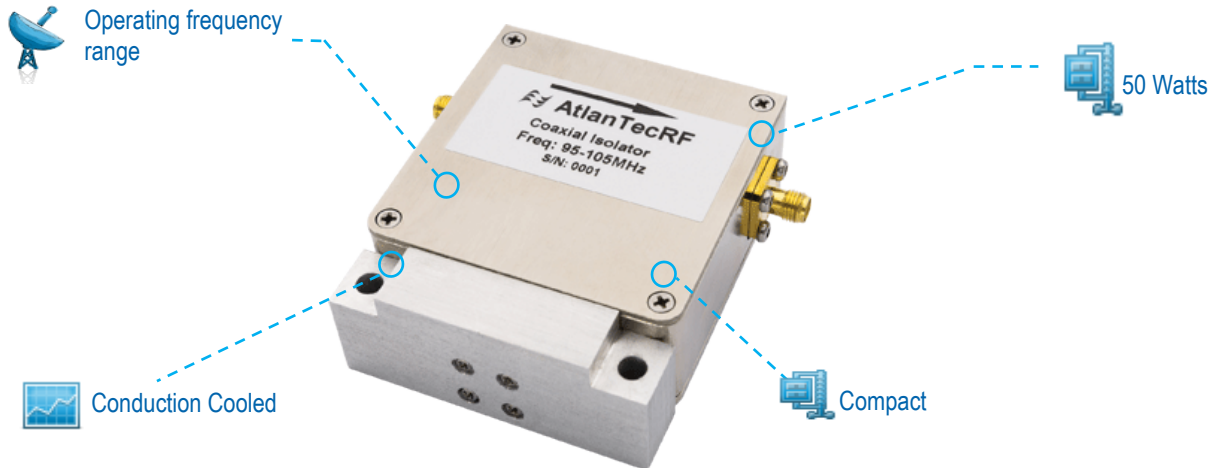


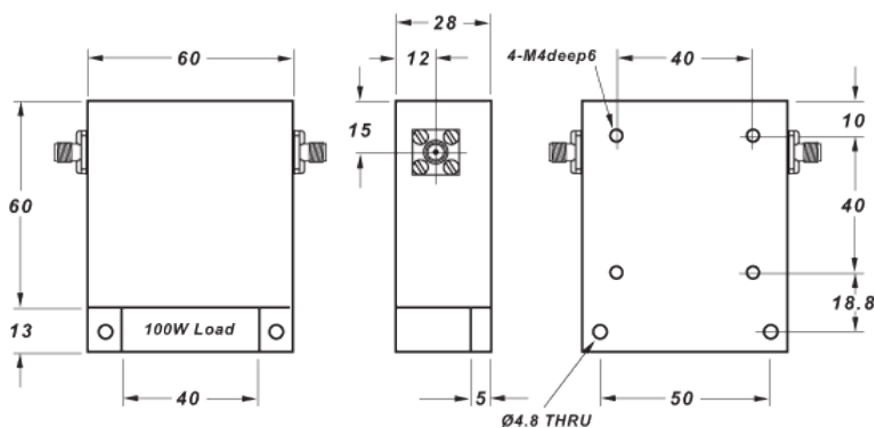
Atlantic Microwave VHF Isolators for Narrow Band Amplifier Protection

The AVI series of lumped element ferrite isolators are designed to provide amplifier output protection against short term load mismatches, such as antenna disconnection, in VHF communication systems for both ground based and airborne applications. The isolators require suitable heat sinking and can also be supplied with a thermal switch for amplifier power interruption.

- Full VHF Frequency Range
- 50 watts CW Power Rating
- Conduction Cooled
- LC Design
- Compact Size
- Choice of connectors
- Thermal cut-out option



AM Model No	Frequency Range (MHz)	Isolation (dB) Min	Insertion Loss (dB) Max	VSWR:1 Max	Forward & Reverse Power ^{1,2}	Operating Temperature
AVI-6575	65-75	20	1.0	1.25	50	0 to +60C
AVI-7585	75-85	20	0.9	1.25	50	0 to +60C
AVI-8595	85-95	20	0.8	1.25	50	0 to +60C
AVI-95105	95-105	20	0.7	1.25	50	0 to +60C
AVI-105115	105-115	20	0.7	1.25	50	0 to +60C
AVI-115125	115-125	20	0.7	1.25	50	0 to +60C
AVI-125135	125-135	20	0.7	1.3	50	0 to +60C
AVI-135145	135-145	20	0.7	1.3	50	0 to +60C
AVI-145155	145-155	20	0.7	1.3	50	0 to +60C
AVI-155165	155-165	20	0.7	1.3	50	0 to +60C
AVI-165175	165-175	20	0.7	1.3	50	0 to +60C
AVI-175185	175-185	20	0.7	1.3	50	0 to +60C



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.

