



All Mini-Circuits products are manufactured under exacting quality assurance and control standards, and are capable of meeting published specifications after being subjected to any or all of the following physical and environmental test.

Specification	Test/Inspection Condition	Reference/Spec
Operating Temperature	-45° to 85°C Ambient Environment	Individual Model Data Sheet
Storage Temperature	-45° to 85°C Ambient Environment	Individual Model Data Sheet
Thermal Shock	-45° to 85°C, 100 cycles	MIL-STD-202; Method 107G
Mechanical Flexing	1000 cycles During each cycle, cable flexed in U-shape up to 90 degrees	----
Connector Durability	500 mating cycles	MIL-PRF-39012E, PARAGRAPH 4.6.12
Connector Retention	Force: 60 lb. Min.; Torque: Cable connector turned while held 6 inches from end; Stop at 9 in-lb. or 90-degree twist.	---
Heat-Aging Stability	There are no cracks, defects, or other damage to the surface material of the sample.	MIL-C-17G Para. 4.8.18
Cold Bend	There are no cracks, defects, or other damage to the surface material of the sample.	MIL-C-17G Para. 4.8.19