

Military & Aerospace QPL

Interconnect Solutions



Product Description

Winchester Interconnect continues to be committed to serving the military and aerospace industry with its dependable interconnect products that meet high military standards.

Kings brand military-specified connectors and accessories are environmentally and mechanically tested to conditions specified in MIL-STD-202, ensuring reliable performance in severe environments, including:

- High Altitudes
- Extreme Temperatures
- Vibration & Shock
- Corrosion, Moisture and Humidity

Each MIL-SPEC connector is designed to fit a variety of Military approved cables, and conforms to the following Department of Defense specifications:

- Connector Interfaces conform to MIL-STD-348
- Connectors meet the solderability requirements of MIL-STD-202, Method 208, where applicable
- All center contacts are gold-plated per ASTM-B 488 or MIL-DTL-45204



MIL-PRF-39012

Series	Specifications
BNC Series	50 Ohm; 500 Volts RMS; frequency to 4 GHz; quick connect/disconnect bayonet coupling design.
SMA Series	50 Ohm; 500 Volts RMS; frequency to 18 GHz; subminiature, threaded Connector coupling design; semi-precision, high frequency design.
TNC Series	50 Ohm; 500 Volts RMS; frequency to 11 GHz; miniature threaded connector coupling design.
N Series	50 Ohm; 1000 Volts RMS; frequency to 11 GHz; standard size; threaded connector coupling design.
C Series	50 Ohm; 1000 Volts RMS; frequency to 11 GHz; standard size connector with bayonet coupling design.

MIL-PRF-55339

Series	Specifications
BNC Series Adapters	50 Ohm; 500 Volts RMS; frequency to 4 GHz; quick connect/disconnect bayonet coupling design.
TNC Series Adapters	50 Ohm; 500 Volts RMS; frequency to 11 GHz; miniature threaded connector coupling design.
N Series Adapters	50 Ohm; 1000 Volts RMS; frequency to 11 GHz; standard size; threaded connector coupling design.

MIL-PRF-49142

Series	Specifications
TRT Series	400 Volts RMS; nonconstant impedance; frequency to 500 MHz; miniature design, threaded coupling.
TRB Series	400 Volts RMS; nonconstant impedance; frequency to 500 MHz; miniature design, bayonet coupling; shielded contacts protect electronic signals.

MIL-DTL-28748

Series	Specifications
Rack & Panel	Connectors feature size 16, 20, 22 pre-installed solder cup contacts or can accept AS39029 crimp removable contacts.

MIL-DTL-55302

Series	Specifications
PCB Connectors	Connectors featuring size 23 contacts, suitable for board thicknesses of .062" & .094"