

# 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"