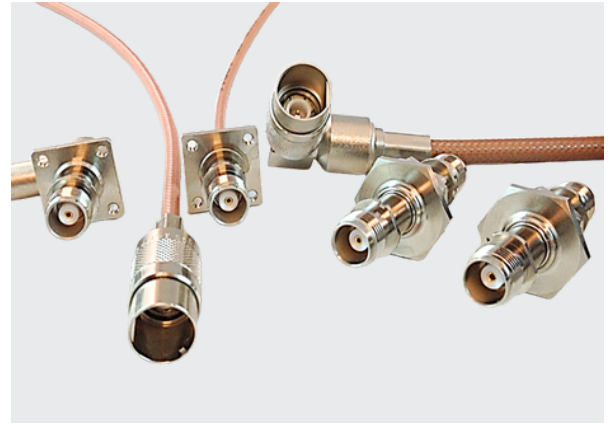


Keyed TNC Connector Series

Aptiv's Interconnect's Keyed TNC Plug connectors are engineered for reliable performance in demanding aerospace environments. Featuring an extended-length coupling nut with a machined flat and keying rib, these connectors are available in 24 distinct keying angles to ensure proper mating and prevent misconnection. Our experienced engineering team collaborates closely with customers to deliver tailored solutions that meet unique application requirements.



FEATURES

- Keyed TNC Plug connectors have an extended length coupling nut that features a flat and a keying rib that can be located at up to 24 different angles, or keyed positions, from the flat feature.
- Keyed TNC Jack connectors have an extended body with a keying flange that has a machined flat on one side and a keying slot designed to mate to the keying rib contained on the plug connector.
- Standard TNC Plug connectors can mate to a Keyed TNC Jack connector, but standard TNC Jack connectors will not mate to a Keyed TNC Plug.



SPECIFICATIONS

Electrical Properties	
Impedance	50 Ohms
Frequency Range	DC to 18 GHz Max
Insertion Loss	.06 x $\sqrt{f}$ (GHz) dB Max
VSWR	1.17 Max DC to 18 GHz
Environmental Properties	
Temperature Rating	-65°C to + 165°C
Mechanical Properties	
Durability	500 Cycles Min
Moisture Resistance	MIL-STD 202, Method 106
Corrosion	MIL-STD-202, Method 101, Test Condition B
Vibration	MIL-STD-202, Method 204, Test Condition 1
Material	
Body	Stainless Steel Solder
Contact Materials	Brass (Male)/Beryllium Copper (Female)
Insulator	PTFE