

# TNC Series

## TNC

TNC (Thread Navy Connector) series is similar to the BNC, but supplied with a threaded coupling interface because of the noise generated by BNC connectors under high vibration. With 50 ohms impedance, this connector can be operated up to 11GHz. Both 50 and 75 ohm impedances are available, and can mate together without any restriction. The TNC is suitable for the standard ranges of flexible & semi-rigid cables, and it is also obtained as a flange or PCB mounted version. TNCs are a low-cost high-frequency solution for coaxial connections.

### Applications:

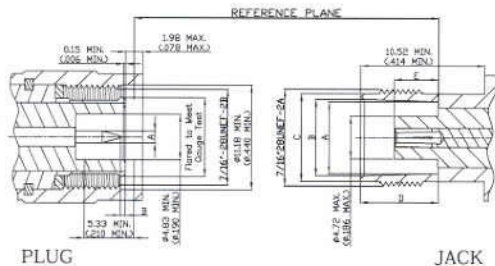
- \*radar
- \*aircraft & missile
- \*base stations
- \*cellular mobile phones
- \*LANs
- \*test instrumentation
- \*microwave components

Interface dimensions conformable to the Standards:

International: IEC 169-17

USA: MIL-C-39012

### TNC 50ohm Interface Dimensions:



TNC Series					
PLUG			JACK		
	Minimum	Maximum	Minimum	Maximum	
A	1.32(052)	9.91(390)	8.10(321)	8.15(391)	A
B	9.78(385)	9.91(390)	8.31(327)	8.46(333)	B
C	5.28(208)	5.79(228)	9.60(378)	9.68(381)	C
			10.97(432)	11.07(436)	D
			4.78(188)	5.23(206)	E

\*Millimeters(Inches)