

TNC Type Connectors



- TNC series is screw coupling type connectors produced by modifying the connection method of BNC series.
- Connection is strong mechanically and strong against outer vibration, and less high frequency leakage, as the connection is made by screw coupling.
- Electrical and mechanical performance are based on BNC series.

Note :

TNC series is intermateable with TNC75 series.(75Ω group)

CONFORMING STANDARD

MIL-C-39012

SPECIFICATION

Characteristic Impedance	50 Ω
Dielectric withstanding voltage	1500V AC (rms) for 1 minute
Insulation resistance	1000M Ω min. at 500V DC
Contact resistance	3m Ω max.
VSWR	1.3max. at 2GHz

Specifications depends on each connector although these are basic specifications.

MATERIAL/FINISH

Shell (Body)	Copper alloy/Silver or Nickel plating
Contact (male)	Copper alloy/Silver or Gold plating
Contact (female)	Copper alloy/Silver or Gold plating
Insulators	PTFE
Gaskets	Silicone rubber

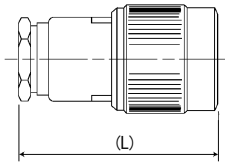
The performance may differ depending on the specification.

TNC Series

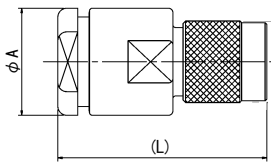
Unit : mm

■ Plug

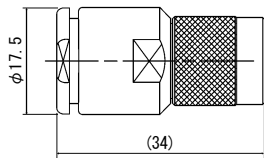
Clamp Type



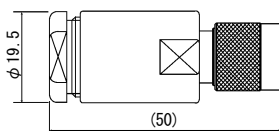
P/N	Applicable Cable	(L)	Finish	
			Shell	Contact
TNC-P-3	3D-2V	25.0	Ag	Ag
	3D-QEV			
TNC-P-58U	RG-58/U	26.0	Ag	Ag
	RG-55/U			



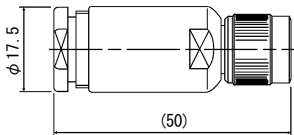
P/N	Applicable Cable	φA	(L)	Finish	
				Shell	Contact
TNC-SP-5	5D-2V	17.5	34.0	Ni	Au
	5D-QEV				
TNC-SP-5D2W	5D-2W	19.0	37.3	Ni	Au
	5D-2BW1				
TNC-SP-5DSFA	5D-SFA	17.5	34.0	Ni	Au
	5D-SFA(PE)				



P/N	Applicable Cable	Finish	
		Shell	Contact
TNC-SP-5DFAE	5D-FAE	Ni	Au



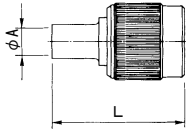
P/N	Applicable Cable	Finish	
		Shell	Contact
TNC-SP-8DSFA	8D-SFA	Ni	Au



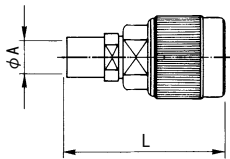
P/N	Applicable Cable	Finish	
		Shell	Contact
TNC-P-5DFB-1	5D-FB	Ni	Ag

■ Plug

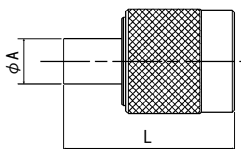
Crimp Type



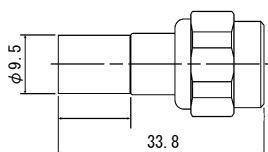
P/N	Applicable Cable	φ A	L	Finish		Hand Crimp Tool P/N	Note
				Shell	Contact		
TNC-P-1.5D2V-CR10	1.5D-2V	4.0	23.3	Ni	Ag	CR-H-1120A	Delta-mate
	1.5D-QEV						
TNC-P-1.5DQEW	1.5D-2W	5.5	22.3	Ni	Au	CR-H-1100	—
	1.5D-QEW						
TNC-P-2.5D2V-CR10	2.5D-2V	5.5	24.3	Ni	Ag	CR-H-1119	Delta-mate
	2.5D-QEV						
TNC-P-2.5D2W-CR10	2.5D-2W	6.3	24.3	Ni	Ag	CR-H-1115	Delta-mate
	2.5D-QEW						
TNC-P-3D2V-CR10	3D-2V	7.1	24.3	Ni	Ag	CR-H-1116	Delta-mate
	3D-QEV						
TNC-P-3D2W-CR10	3D-2W	7.9	24.3	Ni	Ag	CR-H-1135	Delta-mate
	3D-QEW						
TNC-P-5D2V-CR10	5D-2V	9.5	28.7	Ni	Ag	CR-H-1130	Delta-mate



P/N	Applicable Cable	φ A	L	Finish		Hand Crimp Tool P/N
				Shell	Contact	
TNC-P-2DFB-1	2D-FB	6.2	29.7	Ni	Au	CR-H-1105
TNC-SP-1.5DW-CR1	1.5D-2W	4.8	30	Ni	Au	CR-H-1156A
	1.5D-QEW					
TNC-SP-1.5DHQS-CR1	1.5D-HQ SUPER	4.8	30	Ni	Au	CR-H-1156A



P/N	Applicable Cable	φ A	L	Finish		Hand Crimp Tool P/N
				Shell	Contact	
TNC-SP-2DFB-CR1	2D-FB	6.2	24.0	Ni	Au	CR-H-13982
	2.4DS-FXLV					
TNC-SP-2DFU-CR1	2D-FU	6.2	24.0	Ni	Au	CR-H-13982
TNC-SP-3DFXL-CR1	3D-FXL	7.0	28.0	Ni	Au	CR-H-14451
TNC-SP-5DSQFB-CR1	5D-SQFB	9.5	28.5	Ni	Au	CR-H-16768
	CECX-5D-FB					



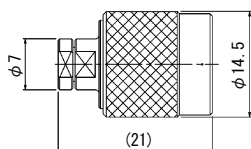
P/N	Applicable Cable	Finish		Hand Crimp Tool P/N
		Shell	Contact	
TNC-SP-5DSFA-CR1	5D-SFA	Ni	Au	CR-H-16768
	5D-SFA(PE)			

TNC Series

Unit : mm

■ Plug

Semi-Rigid and Semi-Flexible Cable Type



P/N	Applicable Cable	Finish	
		Shell	Contact
TNC-SP-141-SO	UT-141A	Ag	Ag
	FCCA VGO		
TNC-SP-141-SO-D1	UT-141A	Ni	Au
	FCCA VGO		

