

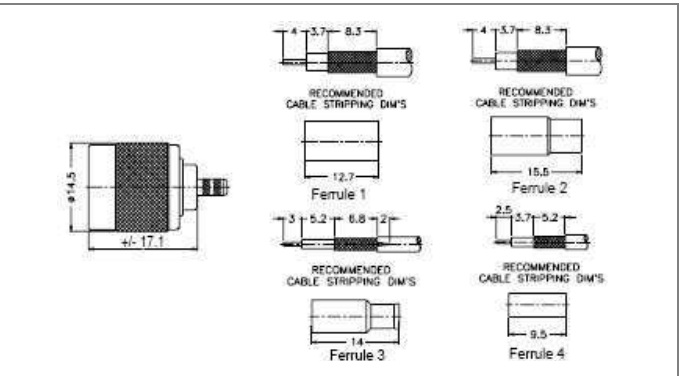
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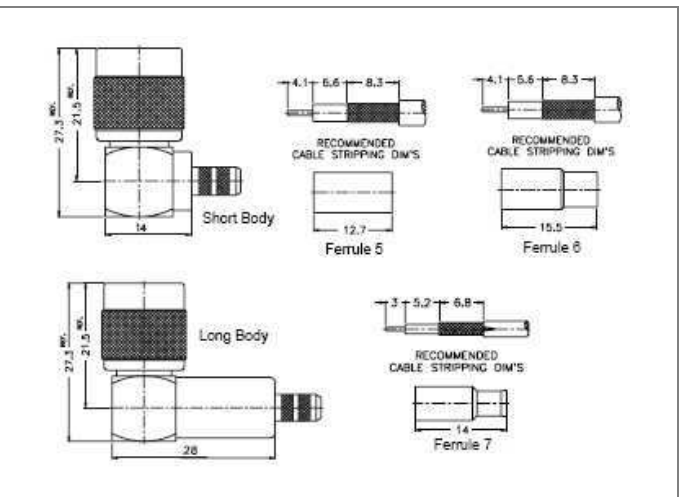
TNC 31 Series Threaded Lock RF Connector System

Materials		Electrical		Environmental	
Body/Finish	– Brass/Nickel	Impedance	– 50 ohm	Temp. range	– -65°C thru 165°C
Contacts		Frequency range	– 0-11 GHz	Shock	– Consult Representative
Centre MALE	– Brass/Gold Plated (Au)	Voltage	– 500 VRMS	Humidity	– Consult Representative
Centre FEMALE	– Phosphor Bronze/Au	Dielectric withstand	–1500 VRMS	Vibration	– Consult Representative
Insulator	– Delrin/PBT Polyester	VSWR Straight	– 1.3 max	Corrosion	– Consult Representative
Gasket	– Silicone Rubber	R/A	– 1.5 max	Related Information	
Crimp Ferrules*	– Annealed Copper	Resistance Inner	– 3 Milliohm max	Cable	– Section D
*Metal finishes	– Nickel (Ni) or Gold (Au)	Outer	– 2 Milliohm max	Hand Tools	– Section F
Durability	– 500 Cycles	Insulator	– 5000 Megaohm min	Termination Instr.	– Section G
				Terminology	– Section J

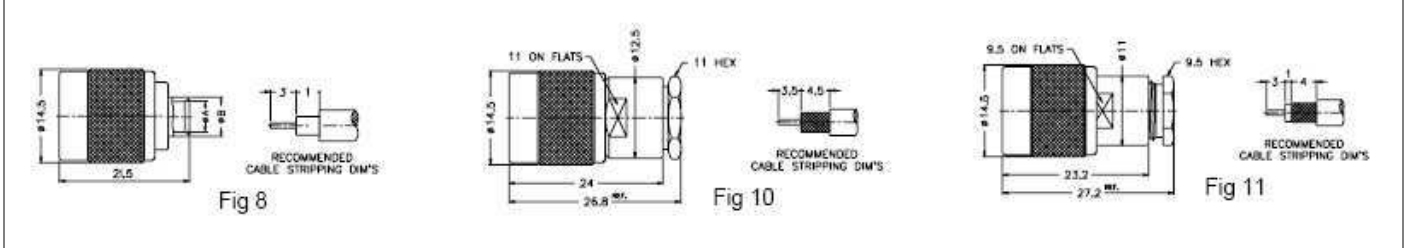
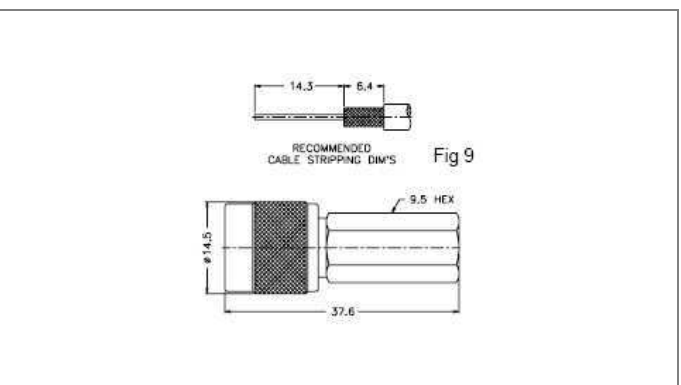
Crimp/Crimp Straight Plug			
T1121x1ND3Gxxx50			
Part Number:	Cable:	Ferrule:	Description:
31-2367-RFX	RG/U 58/141	1	Captive Contact Termination Instruction E
31-2368-RFX	RG/U 59/62		
31-5837-RFX	Plenum 58/141	2	Captive Contact Termination Instruction E
31-5838-RFX	Plenum 59/62		
31-2315-RFX	RG/U 174/188/316	3	Non-Captive Contact Termination Instruction F
31-2242-RFX	RG/U 179/187		
31-5839-RFX	RG/U 174/188/316	4	Pin-to-Pin Contact Termination Instruction E
31-5840-RFX	RG/U 179/187		



Crimp/Crimp Right Angle Plug			
T1122x1ND3Gxxx50/T1122x1ND3Gxxx50			
Part Number:	Cable:	Ferrule:	Description:
31-5849-RFX	RG/U 58/141	5	Short Body Termination Instruction E
31-5850-RFX	RG/U 59/62		
31-5851-RFX	Plenum 58/141	6	Short Body Termination Instruction E
31-5852-RFX	Plenum 59/62		
31-5853-RFX	RG/U 174/179/187/188/3	7	Short Body Termination Instruction E
31-2382-RFX	RG/U 58/141		
31-2383-RFX	RG/U 59/62	5	Long Body Termination Instruction E
31-5854-RFX	Plenum 58/141		
31-5855-RFX	Plenum 59/62	6	Long Body Termination Instruction E
31-5856-RFX	RG/U 174/188/316		
31-5857-RFX	RG/U 179/187	7	Long Body Termination Instruction F



Various Straight Plugs			
T1131x1ND3Gxxx50/T1141x1ND3Gxxx50/T1181A1ND3Gxxx50			
Part Number:	Cable:	Fig:	Description:
31-5985-RFX	S/R .085 A:2.2 B:3.0	8	Solder for Semi-Rigid Cable Termination Instruction S
31-4215-RFX	S/R /141 A:2.2 B4.6		
31-5245-RFX	RG/U 58	9	Twist-On for Solid Centre Conductor Termination Instruction K
31-5243-RFX	RG/U 59		
31-5987-RFX	RG/U 58/141	10	Clamp/Solder Captive Contact Termination Instruction I
31-5988-RFX	RG/U 59/62		
79875-RFX	RG/U 58/141	11	Clamp/Solder Termination Instruction H
79525-RFX	RG/U 59/62		

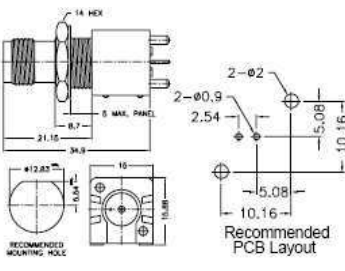
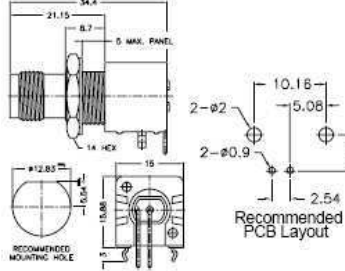
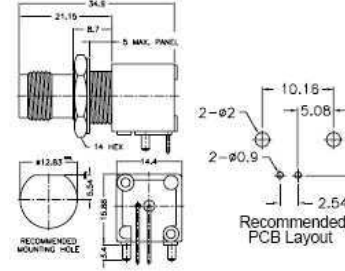
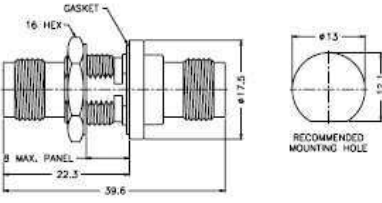
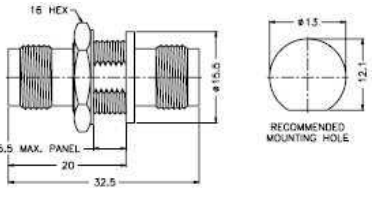
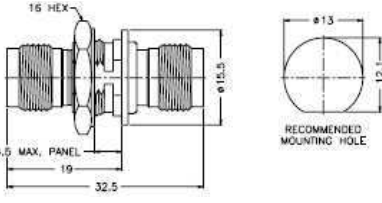
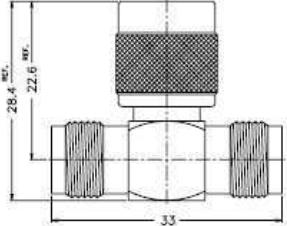
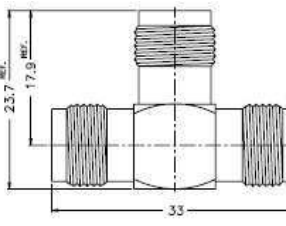
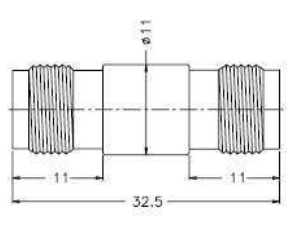
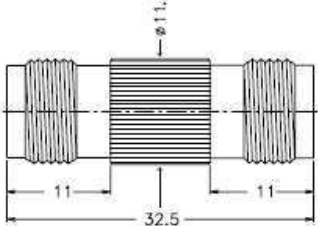
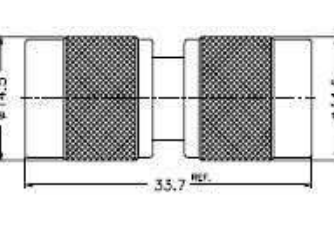
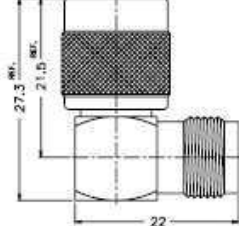


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TNC 31 Series Threaded Lock RF Connector System – Continued

 <p style="text-align: center;">PCB Mount Straight Plastic Jack T6251GXNPP3G50</p>	 <p style="text-align: center;">PCB Mount Right Angle Plastic Jack T6252HXNPP3G50</p>	 <p style="text-align: center;">PCB Mount Right Angle Metal Jack T6252HANPP3G50</p>																
 <p style="text-align: center;">Jack-to-Jack Straight Bulkhead Adapter T7471A1ND3G50</p>	 <p style="text-align: center;">Jack-to-Jack Straight Bulkhead Adapter T7471B1ND3G50</p>	 <p style="text-align: center;">Jack-to-Jack Straight Bulkhead Adapter Isolated from Ground T7771B1ND3G50</p>																
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