

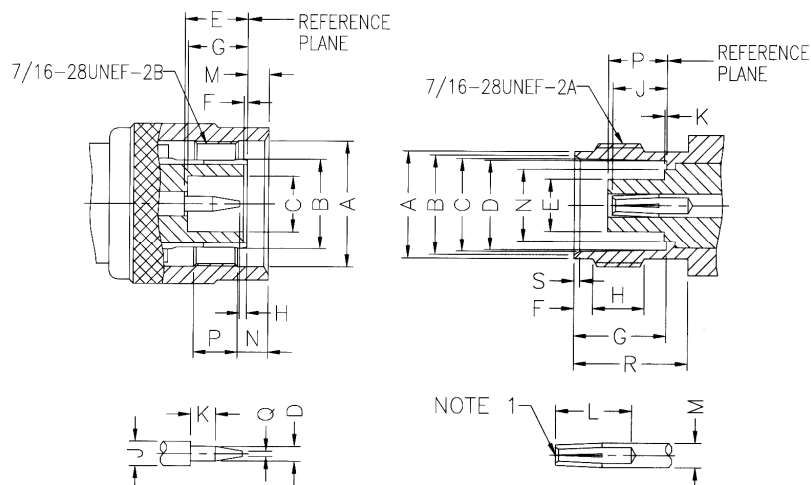
TNC Series

TNC connectors are designed with a Highly reliable threaded coupling to ensure additional protection against shocks and vibrations.

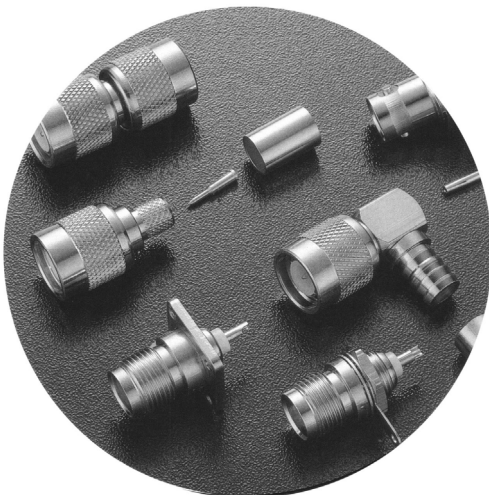
They are dimensionally and electrically similar to the BNC series , and are especially suitable for use in vibration exposed equipment such as commercial and military radio telecommunication systems , as well as avionic equipment where a highly durable coupling is needed.

TNC series are also widely use in medical equipment, computer and test instrumentation.

Interface Mating Dimensions



NOTE 1 : I.D. to meet V.S.W.R and CONTACT RESISTANCE when mated with 1.32/1.37mm DIA.PIN.



PLUG			JACK		
Letter	Millimeters		Letter	Millimeters	
	Min.	Max.		Min.	Max.
A	11.18	—	A	9.60	9.70
B	Flared To Meet Good Electrical Contact		B	8.79	9.04
			C	8.31	8.46
			D	8.10	8.15
C	4.83	—	E	—	4.72
D	1.32	1.37	F	1.73	2.24
E	5.33	5.84	G	8.31	8.51
F	0.15	0.46	H	4.75	—
G	5.28	5.79	J	4.72	5.23
H	0.08	1.02	K	—	0.15
J	2.06	2.21	L	4.95	—
K	1.98	—	M	2.06	2.21
M	—	1.98	N	—	6.50
N	1.60	—	P	4.78	5.28
P	3.96	—	R	10.52	—
Q	—	0.64	S	0.38	0.76

Specifications

Electrical		
Impedance		50 ohm
Frequency Range		0-4GHz
Working Voltage		500 VRMS Max.
Dielectric Withstanding Voltage		1500 VRMS Min.
V.S.W.R	Straight	1.3 Max.
	Right Angle	1.5 Max.
Contact Resistance	Center Contact	3 Milliohms Max.
	Outer Contact	2 Milliohms Max.
Insulator Resistance		5000 Megohms Min.

Mechanical & Environmental	
Mating	7/16-28UNEF-2A threaded coupling
Engagement Force	2 in-lbs.Max.
Disengagement Force	2 in-lbs.Max.
Coupling Nut Retention	100 lbs Min.
Coupling Proof Torque	15 in-lbs.Min.
Contact Retention	6 lbs. Min.
Durability(Mating)	500 cycles Min. (For Beryllium copper Jack contact only).
Temperature Range	-65°C to 165°C
Vibration	MIL-STD-202 Method 204 Test Cond.B.
Salt Spray	MIL-STD-202 Method 101 Test Cond.B.
Thermal Shock	MIL-STD-202 Method 107 Test Cond.B.

STRAIGHT PLUG CRIMP

Model No.	Model Name	Cables	Material & Finish
D-C07-007	TNC-P-58A/U -T2	RG58/U, RG58A/U RG58C/U, RG141/U RG303/U	BS Ni
D-C07-043	TNC-P-174/U -T2	RG174/U, RG188A/U RG316/U	BS Ni

STRAIGHT PLUG QUICK CRIMP

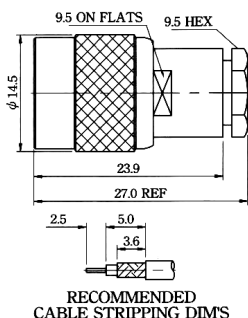
Model No.	Model Name	Cables	Material & Finish
D-C07-044	TNC-P-58A/U -T2	RG58/U, RG58A/U RG58C/U, RG141/U RG303/U	BS Ni
D-C07-045	TNC-P-174/U -T2	RG174/U, RG188A/U RG316/U	BS Ni

RIGHT ANGLE PLUG CRIMP

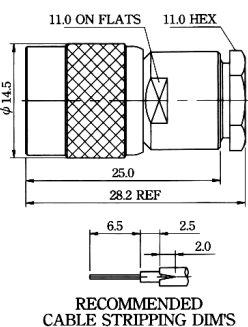
Model No.	Model Name	Cables	Material & Finish
D-C07-015	TNC-LP-58A/U -T2	RG58/U, RG58A/U RG58C/U, RG141/U RG303/U	BS Ni
D-C07-046	TNC-LP-174/U -T2	RG174/U, RG188A/U RG316/U	BS Ni

RIGHT ANGLE PLUG QUICK CRIMP

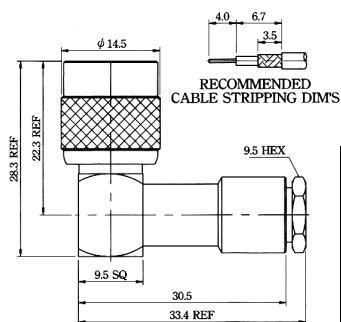
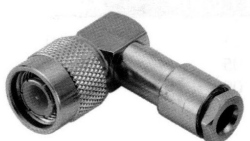
Model No.	Model Name	Cables	Material & Finish
D-C07-047	TNC-LP-58A/U -T2	RG58/U, RG58A/U RG58C/U, RG141/U RG303/U	BS Ni
D-C07-048	TNC-LP-174/U -T2	RG174/U, RG188A/U RG316/U	BS Ni

STRAIGHT PLUG CLAMP

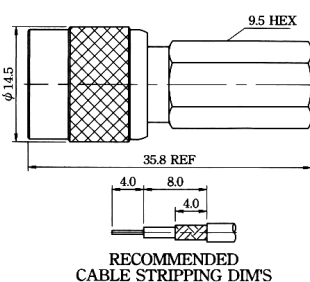
Model No.	Model Name	Cables	Material & Finish
D-C07-003	TNC-P-58A/U	RG58/U, RG58A/U RG58C/U, RG141/U RG303/U	BS Ni
D-C07-049	TNC-P-174/U	RG174/U, RG188A/U RG316/U	BS Ni

STRAIGHT PLUG CLAMP

Model No.	Model Name	Cables	Material & Finish
D-C07-050	TNC-P-58A/U	RG58/U, RG58A/U RG58C/U, RG141/U RG303/U	BS Ni

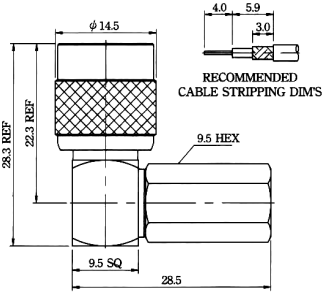
RIGHT ANGLE PLUG CLAMP

Model No.	Model Name	Cables	Material & Finish
D-C07-011	TNC-LP-58A/U	RG58/U, RG58A/U RG58C/U, RG141/U RG303/U	BS Ni

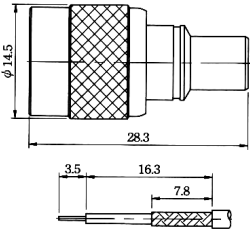
STRAIGHT PLUG TWIST ON

Model No.	Model Name	Cables	Material & Finish
D-C07-051	TNC-P-58A/U -T3	RG58/U, RG58A/U RG58C/U, RG141/U RG303/U	BS Ni

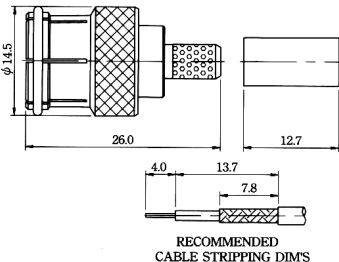
RIGHT ANGLE PLUG TWIST ON

		Model No.	Model Name	Cables	Material & Finish
		D-C07-052	TNC-LP-58A/U -T3	RG58/U, RG58A/U RG58C/U, RG141/U RG303/U	BS Ni

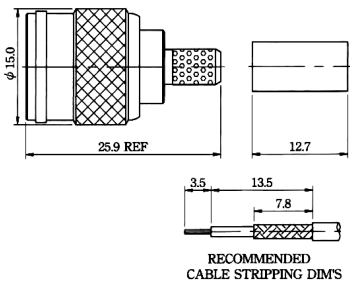
STRAIGHT PLUG MOLDED & CRIMP

		Model No.	Model Name	Cables	Material & Finish
		D-C07-062	TNC-P-58A/U -T4	RG58/U, RG58A/U RG58C/U, RG141/U RG303/U	BS Ni
		D-C07-063	TNC-P-174/U -T4	RG174/U, RG188A/U RG316/U	BS Ni

STRAIGHT PLUG PUSH ON CRIMP

		Model No.	Model Name	Cables	Material & Finish
		D-C07-061	TNC-P-58A/U -T2-Push On	RG58/U, RG58A/U RG58C/U, RG141/U RG303/U	BS Ni

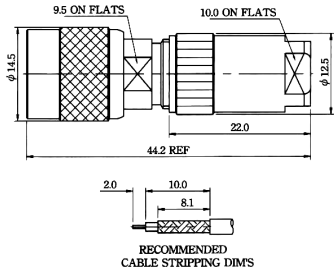
STRAIGHT PLUG CRIMP

		Model No.	Model Name	Cables	Material & Finish
		D-C07-064	TNC-P-58A/U -T2	RG58/U, RG58A/U RG58C/U, RG141/U RG303/U	BS Ni
		D-C07-065	TNC-P-174/U -T2	RG174/U, RG188A/U RG316/U	BS Ni

STRAIGHT PLUG CLAMP

Model No.	Model Name	Material & Finish
D-C07-066	TNC-P-T4	BS Ni

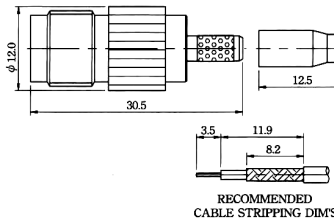




STRAIGHT JACK CRIMP

Model No.	Model Name	Cables	Material & Finish
D-C07-054	TNC-J-58A/U -T2	RG58/U, RG58A/U RG58C/U, RG141/U RG303/U	BS Ni
D-C07-055	TNC-J-174/U -T2	RG174/U, RG188A/U RG316/U	BS Ni

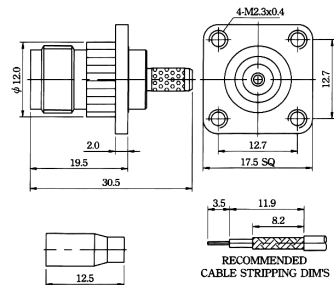




STRAIGHT JACK PANEL CRIMP

Model No.	Model Name	Cables	Material & Finish
D-C07-031	TNC-PJ-58A/U -T2	RG58/U, RG58A/U RG58C/U, RG141/U RG303/U	BS Ni
D-C07-056	TNC-PJ-174/U -T2	RG174/U, RG188A/U RG316/U	BS Ni

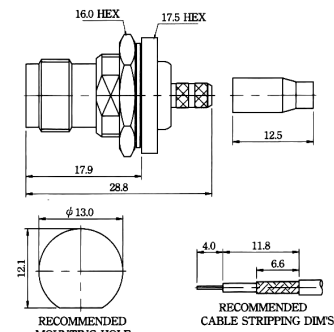




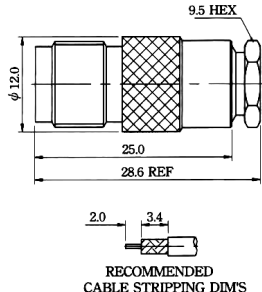
STRAIGHT JACK BULKHEAD CRIMP

Model No.	Model Name	Cables	Material & Finish
D-C07-023	TNC-BJ-58A/U -T2	RG58/U, RG58A/U RG58C/U, RG141/U RG303/U	BS Ni
D-C07-057	TNC-BJ-174/U -T2	RG174/U, RG188A/U RG316/U	BS Ni

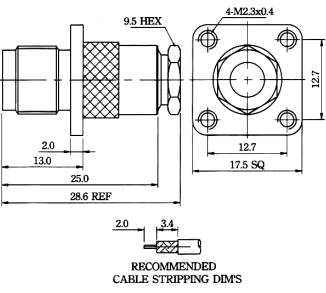




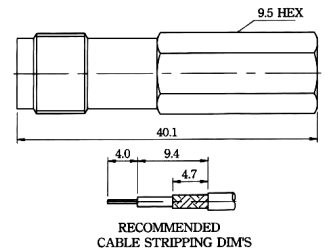
STRAIGHT JACK CLAMP

		Model No.	Model Name	Cables	Material & Finish
		D-C07-019	TNC-J-58A/U	RG58/U, RG58A/U RG58C/U, RG141/U RG303/U	BS Ni
		D-C07-058	TNC-J-174/U	RG174/U, RG188A/U RG316/U	BS Ni

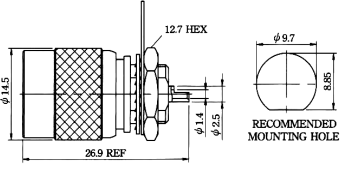
STRAIGHT JACK PANEL CRIMP

		Model No.	Model Name	Cables	Material & Finish
		D-C07-027	TNC-PJ-58A/U	RG58/U, RG58A/U RG58C/U, RG141/U RG303/U	BS Ni
		D-C07-059	TNC-PJ-174/U	RG174/U, RG188A/U RG316/U	BS Ni

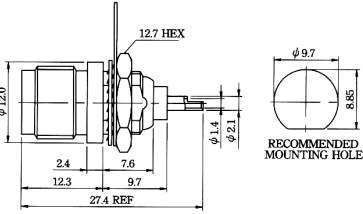
STRAIGHT JACK TWIST ON

		Model No.	Model Name	Cables	Material & Finish
		D-C07-060	TNC-J-58A/U -T3	RG58/U, RG58A/U RG58C/U, RG141/U RG303/U	BS Ni

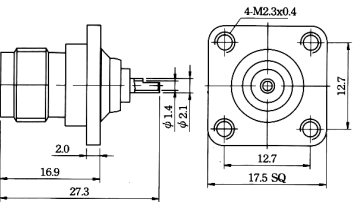
STRAIGHT PLUG BULKHEAD RECEPTACLE

		Model No.	Model Name	Material & Finish
		D-C07-053	TNC-BPR	BS Ni

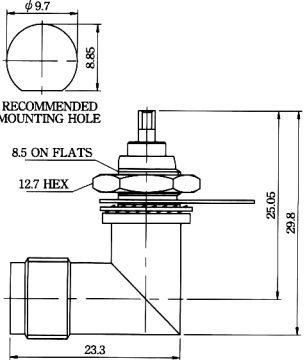
STRAIGHT JACK BULKHEAD RECEPTACLE

		Model No.	Model Name	Material & Finish
		D-C07-035	TNC-BR	BS Ni

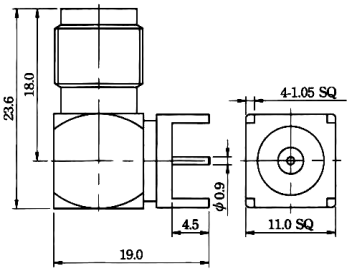
STRAIGHT JACK RECEPTACLE

		Model No.	Model Name	Material & Finish
		D-C07-033	TNC-R	BS Ni

RIGHT ANGLE JACK BULKHEAD RECEPTACLE

		Model No.	Model Name	Material & Finish
		D-C07-067	TNC-LBR	BS Ni

RIGHT ANGLE JACK P.C.B. RECEPTACLE

		Model No.	Model Name	Material & Finish
		D-C07-069	TNC-LR-PCB	BS Ag

PLUG TO PLUG ADAPTER

		Model No.	Model Name	Material & Finish
		D-C07-036	TNC-A-PP	BS Ni

RIGHT ANGLE PLUG TO JACK ADAPTER

		Model No.	Model Name	Material & Finish
		D-C07-038	TNC-LA-PJ	BS Ni

JACK TO JACK ADAPTER

		Model No.	Model Name	Material & Finish
		D-C07-037	TNC-A-JJ	BS Ni

JACK TO JACK BULKHEAD ADAPTER

		Model No.	Model Name	Material & Finish
		D-C07-068	TNC-BA-JJ	BS Ni