

TNC

CONNECTOR SERIES

INTERFACE MATING DIMENSIONS

SPECIFICATIONS

CONTENT:

R/A Crimp Plug	R/A Plug To Jack Adaptor
Crimp Plug	Plug To Jack Adaptor
Crimp Jack	Bulkhead Jack To Jack Adaptor
Bulkhead Crimp Jack	Isolated Bulkhead Jack To Jack Adaptor
Isolated Bulkhead Crimp Jack	Jack To Jack Adaptor
Panel Crimp Jack	T- Angle Jack-jack-jack Adaptor
Direct Solder Plug	T- Angle Jack-plug-jack Adaptor
Twist On Plug	
R/A Clamp Plug	
Clamp Plug	
Clamp Jack	
Panel Clamp Jack	
R/A PCB Mount Jack	
PCB Mount Jack	
Bulkhead Recept Jack	
Plug To Plug Adaptor	

Bridging Gaps

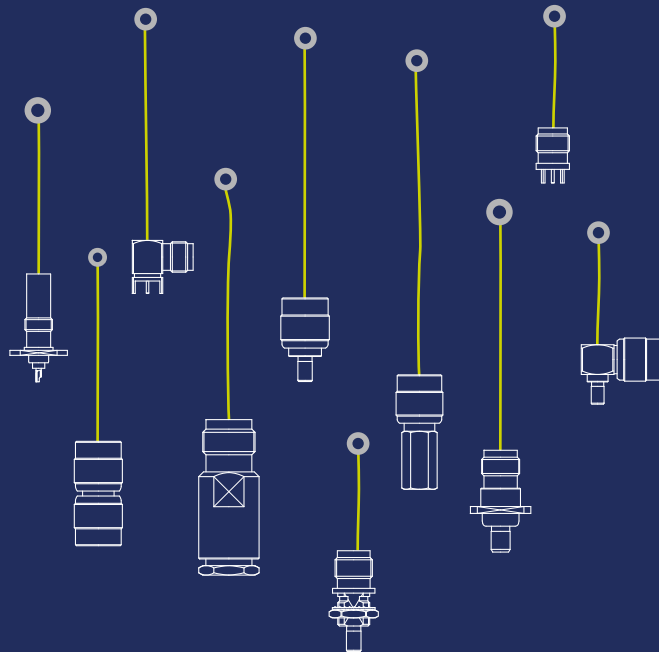


TNC series

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

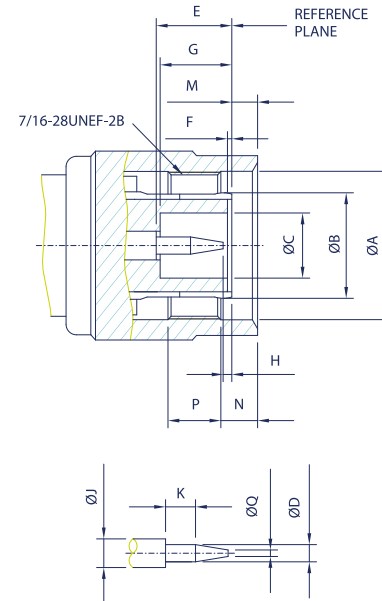
They are dimensionally and electrically similar to the BNC series, and are especially suitable for use in vibration-exposed equipment such as commercial and military radio telecommunication systems, as well as avionic equipment where a highly durable coupling is needed.

TNC connectors are also widely used in medical equipment, computers and test instrumentation.

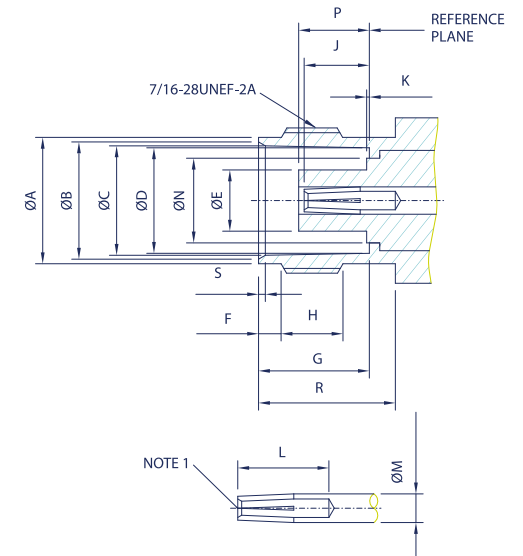


INTERFACE MATING DIMENSIONS

PLUG /



JACK /



NOTE 1: I.D. TO MEET VSWR AND CONTACT RESISTANCE WHEN MATED WITH 1.32 / 1.37 MM DIA. PIN.

SPECIFICATIONS

Electrical /

Impedance	50 Ohm	75 Ohm	
Frequency Range	0 - 4 GHz	0 - 1 GHz	
Working Voltage	500 VRMS Max.	500 VRMS Max.	
Dielectric Withstanding Voltage	1500 VRMS Min.	1500 VRMS Min.	
VSWR	Straight	1.3 Max.	1.3 Max.
	Right Angle	1.5 Max.	1.5 Max.
Contact Resistance	Center Contact	3 Milliohms Max.	3 Milliohms Max.
	Outer Contact	2 Milliohms Max.	2 Milliohms Max.
Insulator Resistance	5000 Megohms Min.	5000 Megohms Min.	

Material /

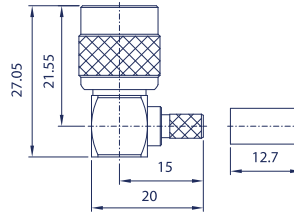
Parts Name	Material	Finish
Body, Metal Parts	Brass per QQ-B-626	Nickel 70 micro-inches
Center Contacts	Male: Brass per QQ-B-626	Gold 3 micro-inches
	Female: Phosphor Bronze per QQ-B-750	Gold 3 micro-inches
Insulators	Teflon, Delrin	None
Crimp Ferrules	Annealed Brass	Nickel 70 micro-inches
Clamp Gaskets	Synthetic Rubber	None

NOTE: Other Material / Finish is Available on Request.

Mechanical & Environmental /

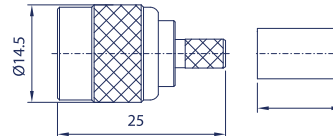
Engagement Force	2 in-lbs. Max.
Disengagement Force	2 lbs. Max.
Coupling Nut Retention	100 lbs. Min.
Coupling Proof Torque	15 in-lbs. Min.
Contact Retention	6 lbs. Min.
Durability (Mating)	500 cycles Min. (For beryllium copper female contact only)
Temperature Range	-65°C to 165°C
Vibration	MIL-STD-202 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.

TNC series



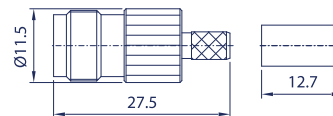
R/A CRIMP PLUG

Model No.	Cable Group	Impedance
FL74P1-NR5	RG-58U, 58C/U RG-142A/U, 223/U, 400U RG-174/U, 188A/U, 316/U RG-316/U DOUBLE BRAID	50
FL74P1-NR7	RG-59/U RG-179/U, 187A/U	75



CRIMP PLUG

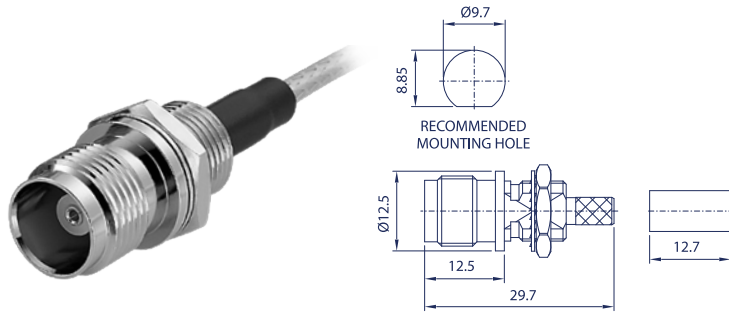
Model No.	Cable Group	Impedance
FL74P1-NS5	RG-58U, 58C/U RG-142A/U, 223/U, 400/U RG-174/U, 188A/U, 316/U RG-316/U DOUBLE BRAID	50
FL74P1-NS7	RG-59/U RG-179/U, 187A/U	75



CRIMP JACK

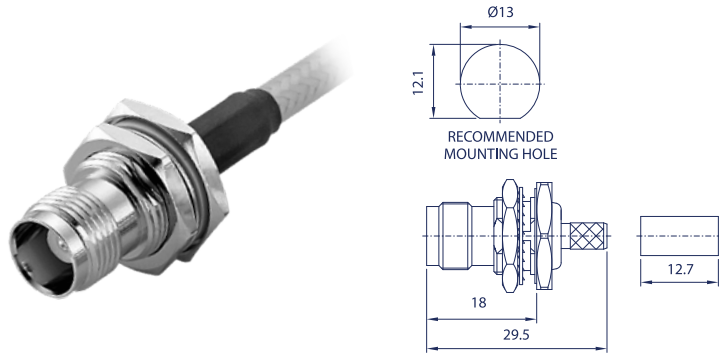
Model No.	Cable Group	Impedance
FL74J1-NS5	RG-58U, 58C/U RG-142A/U, 223/U, 400/U RG-174/U, 188A/U, 316/U	50
FL74J1-NS7	RG-59/U RG-179/U, 187A/U	75





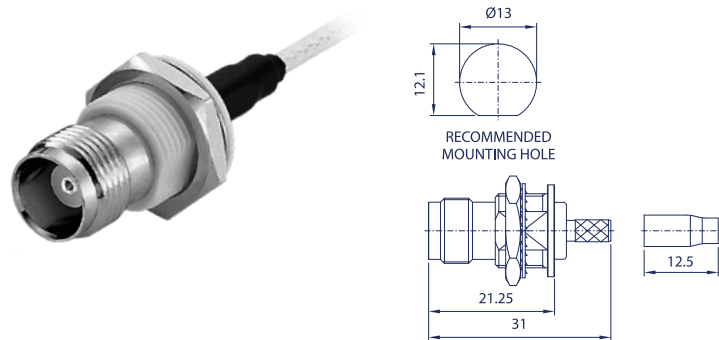
BULKHEAD CRIMP JACK

Model No.	Cable Group	Impedance
FL74J1-AS5	RG-58U, 58C/U RG-142A/U, 223/U, 400/U RG-174/U, 188A/U, 316/U RG-316/U DOUBLE BRAID	50
FL74J1-AS7	RG-59/U RG-179/U, 187A/U	75



BULKHEAD CRIMP JACK

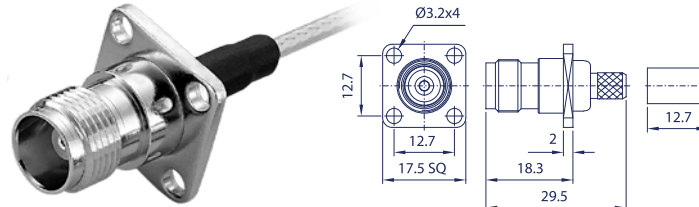
Model No.	Cable Group	Impedance
FL74J1-DS5	RG-58U, 58C/U RG-142A/U, 223/U, 400/U RG-174/U, 188A/U, 316/U RG-316/U DOUBLE BRAID	50
FL74J1-DS7	RG-59/U RG-179/U, 187A/U	75



ISOLATED BULKHEAD CRIMP JACK

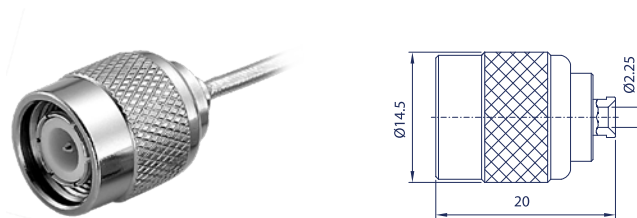
Model No.	Cable Group	Impedance
FL74J1-ZS5	RG-174/U, 188A/U, 316/U RG-316/U DOUBLE BRAID	50
FL74J1-ZS7	RG-179/U, 187A/U	75

TNC series



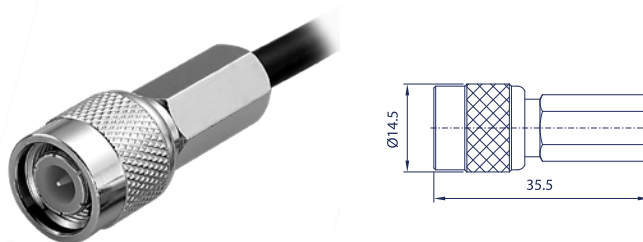
PANEL CRIMP JACK

Model No.	Cable Group	Impedance
FL74J1-FS5	RG-58/U, 58C/U RG-142A/U, 223/U, 400/U RG-174/U, 188A/U, 316/U RG-316/U DOUBLE BRAID	50
FL74J1-FS7	RG-59/U RG-179/U, 187A/U	75



DIRECT SOLDER PLUG

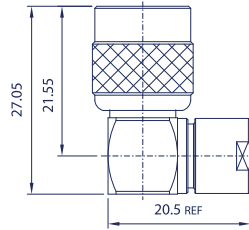
Model No.	Cable Group	Impedance
FL74P2-NS5	.085", .086"	50



TWIST ON PLUG

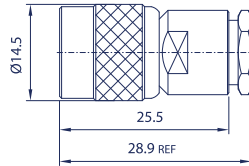
Model No.	Cable Group	Impedance
FL74P3-NS5	RG-58/U, 58C/U	50
FL74P3-NS7	RG-59/U RG-6/U, B9248	75





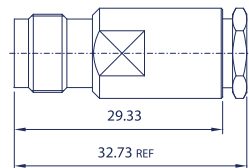
R/A CLAMP PLUG

Model No.	Cable Group	Impedance
FL74P4-NR5	RG-58/U, 58C/U	50
FL74P4-NR7	RG-59/U	75



CLAMP PLUG

Model No.	Cable Group	Impedance
FL74P4-NS5	RG-58/U, 58C/U RG-174/U, 188A/U, 316/U RG-214/U, B8268	50
FL74P4-NS7	RG-179/U, 187A/U	75

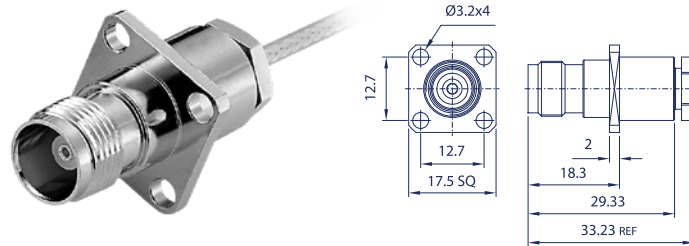


CLAMP JACK

Model No.	Cable Group	Impedance
FL74J4-NS5	RG-58/U, 58C/U RG-142A/U, 223/U, 400/U RG-174/U, 188A/U, 316/U RG-214/U, B8268	50
FL74J4-NS7	RG-179/U, 187A/U	75

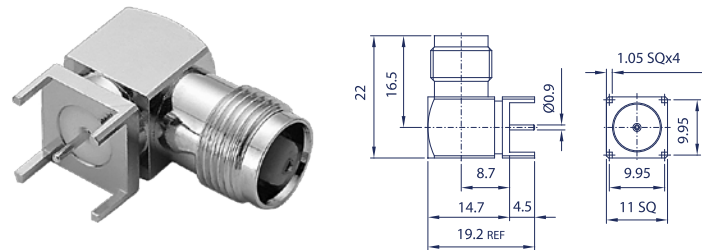
TNC

series



PANEL CLAMP JACK

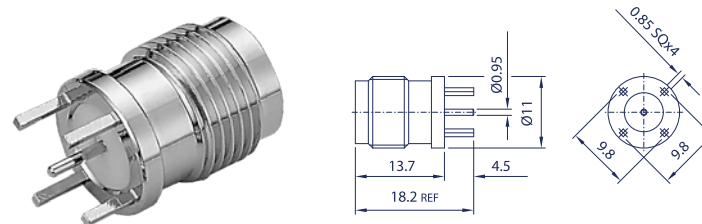
Model No.	Cable Group	Impedance
FL74J4-FS5	RG-58U, 58C/U RG-142A/U, 223/U, 400/U RG-174/U, 188A/U, 316/U	50
FL74J4-FS7	RG-179/U, 187A/U	75



R/A PCB MOUNT JACK

Model No.	Cable Group	Impedance
FL74J5-NR502	N/A	50
FL74J5-NR702	N/A	75

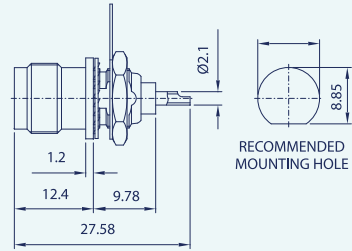
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PCB MOUNT JACK

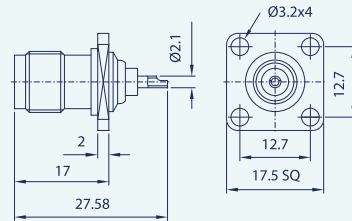
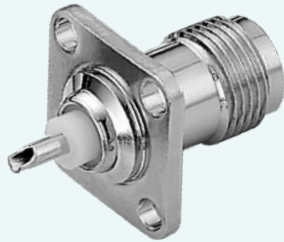
Model No.	Cable Group	Impedance
FL74J5-NS502	N/A	50
FL74J5-NS702	N/A	75





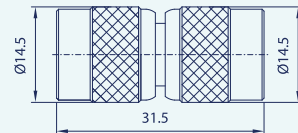
BULKHEAD RECEPT JACK

Model No.	Cable Group	Impedance
FL74J9-AS501	N/A	50
FL74J9-AS701	N/A	75



PANEL RECEPT JACK

Model No.	Cable Group	Impedance
FL74J9-FS501	N/A	50
FL74J9-FS701	N/A	75

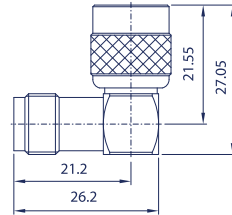


PLUG TO PLUG ADAPTOR

Model No.	Cable Group	Impedance
FL74B8-NS5	N/A	50
FL74B8-NS7	N/A	75

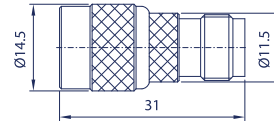
TNC

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R/A PLUG TO JACK ADAPTOR

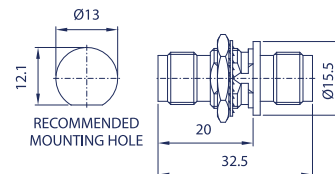
Model No.	Cable Group	Impedance
FL74E8-NR5	N/A	50
FL74E8-NR7	N/A	75



PLUG TO JACK ADAPTOR

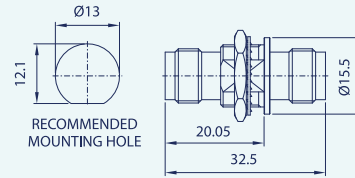
Model No.	Cable Group	Impedance
FL74E8-NS5	N/A	50
FL74E8-NS7	N/A	75

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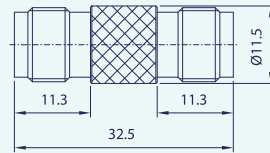
BULKHEAD JACK TO JACK ADAPTOR

Model No.	Cable Group	Impedance
FL74G8-AS5	N/A	50
FL74G8-AS7	N/A	75



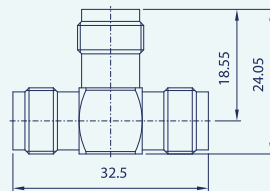
ISOLATED BULKHEAD JACK TO JACK ADAPTOR

Model No.	Cable Group	Impedance
FL74G8-YS5	N/A	50
FL74G8-YS7	N/A	75



JACK TO JACK ADAPTOR

Model No.	Cable Group	Impedance
FL74G8-NS5	N/A	50
FL74G8-NS7	N/A	75

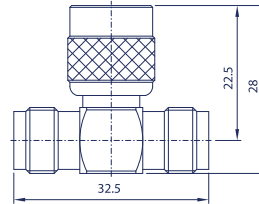


T- ANGLE JACK-JACK-JACK ADAPTOR

Model No.	Cable Group	Impedance
FL74H8-NT5	N/A	50
FL74H8-NT7	N/A	75

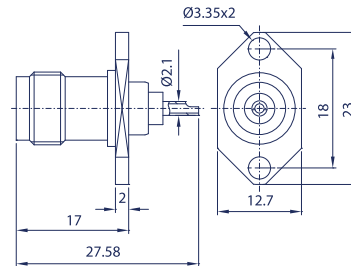
TNC

series



T- ANGLE JACK-PLUG-JACK ADAPTOR

Model No.	Cable Group	Impedance
FL74K8-NT5	N/A	50
FL74K8-NT7	N/A	75



PANEL RECEPT JACK

Model No.	Cable Group	Impedance
FL74J9-ES501	N/A	50
FL74J9-ES701	N/A	75

