

N

CONNECTOR SERIES

INTERFACE MATING DIMENSIONS

SPECIFICATIONS

CONTENT:

R/A Crimp Plug	Jack To Bulkhead Jack Adaptor
Crimp Plug	R/A Jack To Jack Adaptor
Crimp Jack	Jack To Jack Adaptor
R/A Direct Solder Plug	T- Angle Jack-jack-jack Adaptor
Direct Solder Plug	T- Angle Jack-plug-jack Adaptor
Direct Solder Jack	
Clamp Plug	
Clamp Jack	
Bulkhead Crimp Jack	
Panel Crimp Jack	
Bulkhead Direct Solder Jack	
Panel Direct Solder Jack	
Bulkhead Recept Jack	
Panel Recept Jack	
R/a Plug To Plug Adaptor	
Plug To Plug Adaptor	
R/A Jack To Plug Adaptor	

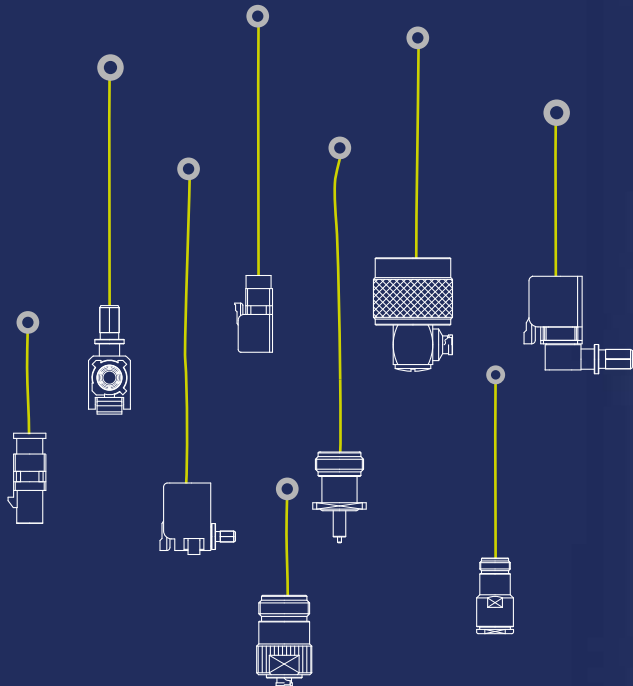
Bridging Gaps



N series

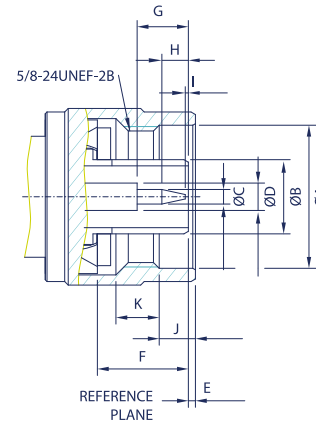
N connectors are medium size, high quality connectors with a coupling screw system designed for use at frequencies up to 11 GHz.

They are most suitable for use in laboratory tests, satellite TVS, MATVS and other sophisticated electronic applications where high performance and precision are necessary.

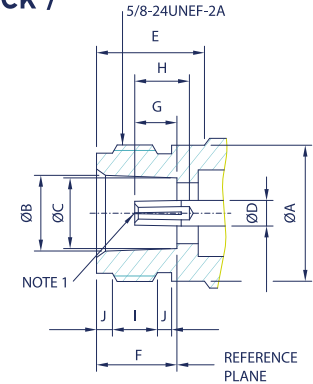


INTERFACE MATING DIMENSIONS

PLUG /



JACK /



PLUG		
Letter	Millimeters	
	Minimum	Maximum
A	16.00	-
B	-	8.38
C	1.60	1.68
D	3.00	3.15
E	0.41	1.52
F	10.11	10.46
G	5.33	5.84
H	3.30	4.32
I	0.08	-
J	4.01	4.27
K	4.50	5.00

JACK		
Letter	Millimeters	
	Minimum	Maximum
A	-	15.93
B	8.53	8.74
C	8.03	8.13
D	3.00	3.15
E	10.72	-
F	9.04	9.19
G	4.75	5.26
H	5.33	-
I	4.37	5.13
J	1.19	1.96

NOTE 1: I.D. TO MEET VSWR AND CONTACT RESISTANCE WHEN MATED WITH 1.6 / 1.68 MM DIA. PIN.

SPECIFICATIONS

Electrical /

Impedance	50 Ohm	
Frequency Range	0 - 11 GHz	
Working Voltage	1000 VRMS Max.	
Dielectric Withstanding Voltage	2500 VRMS Min.	
VSWR	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.	

Material /

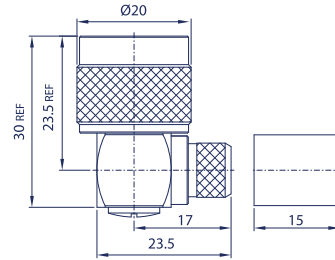
Parts Name	Material	Finish
Body, Metal Parts	Brass per QQ-B-626	Nickel 70 micro-inches
Center Contacts	Male: Brass per QQ-B-626	Gold 3 micro-inches
	Female: Phosphor Bronze per QQ-B-750	Gold 3 micro-inches
Insulators	Teflon	None
Crimp Ferrules	Annealed Brass	Nickel 70 micro-inches
Clamp Gaskets	Silicone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

NOTE: Other Material / Finish is Available on Request.

Mechanical & Environmental /

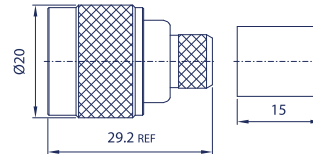
Engagement Force	6 in-lbs. Max.
Disengagement Force	6 in-lbs. Max.
Coupling Nut Retention	100 lbs. Min.
Coupling Proof Torque	30 in-lbs. Min.
Contact Retention	6 lbs. Min.
Durability (Mating)	500 cycles Min. (For beryllium copper female contact only)
Temperature Range	-65°C to 165°C
Vibration	MIL-STD-202 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.

N series



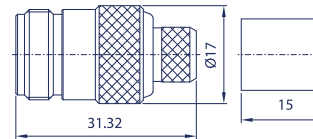
R/A CRIMP PLUG

Model No.	Cable Group	Impedance
FL73P1-NR5	RG-58/U, 58C/U RG-142A/U, 223/U, 400/U RG-213/U, B8267 RG-214/U, B8268 LMR-400, B7810A, B8214	50



CRIMP PLUG

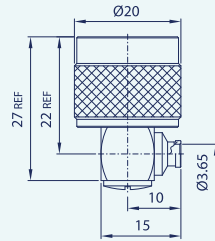
Model No.	Cable Group	Impedance
FL73P1-NS5	RG-58/U, 58C/U RG-142A/U, 223/U, 400/U RG-213/U, B8267 RG-214/U, B8268 LMR-400, B7810A, B8214 LMR-600	50



CRIMP JACK

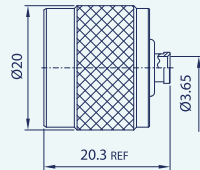
Model No.	Cable Group	Impedance
FL73J1-NS5	RG-58/U, 58C/U RG-142A/U, 223/U, 400/U RG-213/U, B8267 RG-214/U, B8268 LMR-400, B7810A, B8214	50





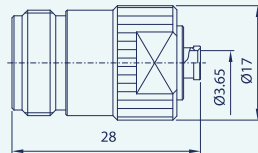
R/A DIRECT SOLDER PLUG

Model No.	Cable Group	Impedance
FL73P2-NR5	.141"	50



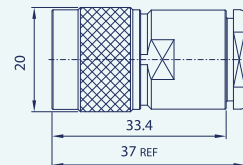
DIRECT SOLDER PLUG

Model No.	Cable Group	Impedance
FL73P2-NS5	.141" .085",.086"	50



DIRECT SOLDER JACK

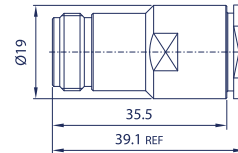
Model No.	Cable Group	Impedance
FL73J2-NS5	.141" .085",.086"	50



CLAMP PLUG

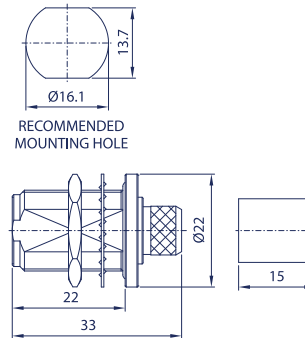
Model No.	Cable Group	Impedance
FL73P4-NS5	RG-58/U, 58C/U RG-213/U, B8267 RG-214/U, B8268	50

N series



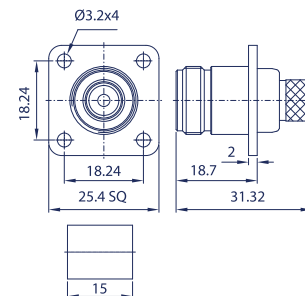
CLAMP JACK

Model No.	Cable Group	Impedance
FL73J4-NS5	RG-58/U, 58C/U RG-142A/U, 223/U, 400/U RG-213/U, B8267 RG-214/U, B8268	50



BULKHEAD CRIMP JACK

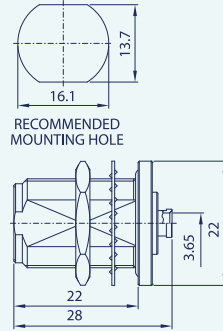
Model No.	Cable Group	Impedance
FL73J1-DS5	RG-58/U, 58C/U RG-142A/U, 223/U, 400/U RG-174/U, 188A/U, 316/U RG-316/U DOUBLE BRAID RG-213/U, B8267 RG-214/U, B8268 LMR-400/B7810A/B8214 LMR-600	50



PANEL CRIMP JACK

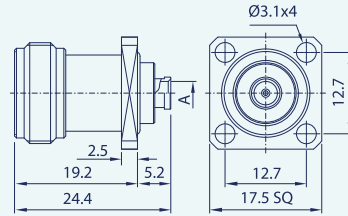
Model No.	Cable Group	Impedance
FL73J1-FS5	RG-58/U, 58C/U RG-142A/U, 223/U, 400/U RG-174/U, 188A/U, 316/U RG-316/U DOUBLE BRAID RG-213/U, B8267 RG-214/U, B8268 LMR-400, B7810A, B8214	50





BULKHEAD DIRECT SOLDER JACK

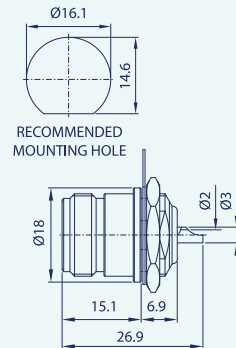
Model No.	Cable Group	Impedance
FL73J2-DS5	.141" .085",.086"	50



PANEL DIRECT SOLDER JACK

Model No.	Cable Group	Impedance
FL73J2-HS5	.141" .085",.086"	50

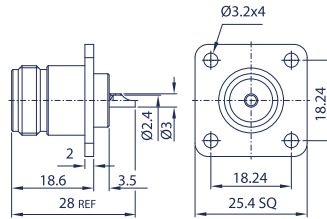
.085" Cable A=2.25 Min, B=3.4 C=2.7
.141" Cable A=3.65 Min, B=3 C=3



BULKHEAD RECEPT JACK

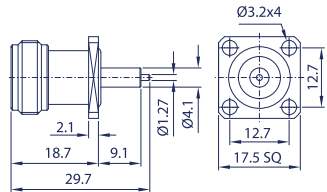
Model No.	Cable Group	Impedance
FL73J9-AS501	N/A	50

N series



PANEL RECEPT JACK

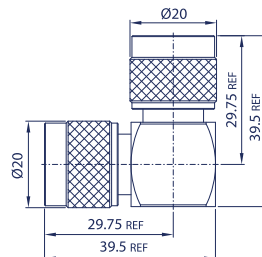
Model No.	Cable Group	Impedance
FL73J9-FS501	N/A	50



PANEL RECEPT JACK

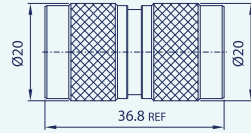
Model No.	Cable Group	Impedance
FL73J9-HS507	N/A	50

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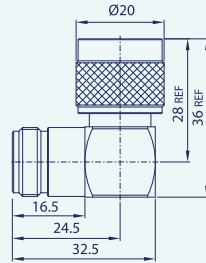
R/A PLUG TO PLUG ADAPTOR

Model No.	Cable Group	Impedance
FL73B8-NR5	N/A	50



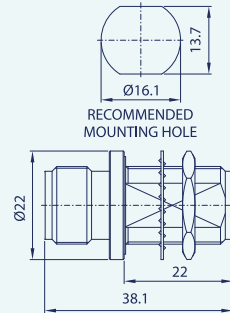
PLUG TO PLUG ADAPTOR

Model No.	Cable Group	Impedance
FL73B8-NS5	N/A	50



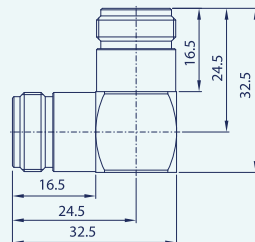
R/A JACK TO PLUG ADAPTOR

Model No.	Cable Group	Impedance
FL73E8-NR5	N/A	50



JACK TO BULKHEAD JACK ADAPTOR

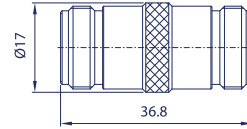
Model No.	Cable Group	Impedance
FL73G8-CS5	N/A	50



R/A JACK TO JACK ADAPTOR

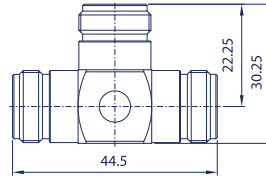
Model No.	Cable Group	Impedance
FL73G8-NR5	N/A	50

N series



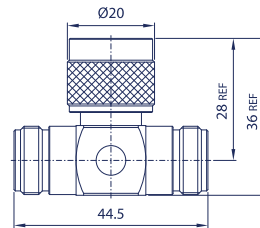
JACK TO JACK ADAPTOR

Model No.	Cable Group	Impedance
FL73G8-NS5	N/A	50



T- ANGLE JACK-JACK-JACK ADAPTOR

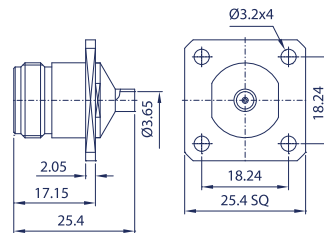
Model No.	Cable Group	Impedance
FL73H8-NT5	N/A	50



T- ANGLE JACK-PLUG-JACK ADAPTOR

Model No.	Cable Group	Impedance
FL73K8-NT5	N/A	50

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PANEL DIRECT SOLDER JACK

Model No.	Cable Group	Impedance
FL73J2-FS5	.141"	50