



**SMA, 7/16, N,
BNC, TNC, F**


**RF / Microwave Coaxial Connectors &
Cable Assembly**




Bridging Gaps.







Over the last few decades, the world has become considerably smaller. The development of communications and travel has meant that no part of the world is ever too far or too remote to be reached by modern day man.

However, no matter how big the gap between two points of communication is, no matter how complicated the route, it all starts with a simple connection.

Frontlynk is all about connections, and 'Bridging Gaps' is our business.

We connect products to each other via our versatile range of connectors.

We connect to people with our reliable and flexible approach to business.

In our own small way,

Frontlynk is the indispensable little link in the communication chain, virtually unnoticed, but critically important.

FRONTLYNK. BRIDGING GAPS.



Bridging To Our Team.

The Frontlynk team has been in this business long enough to realize that when it comes to being unique, a product such as a connector is simply not enough.

Undeniably, the quality and range of our products are an important element of our proposition. However, what makes our customers come back to Frontlynk again and again lies in our company culture.



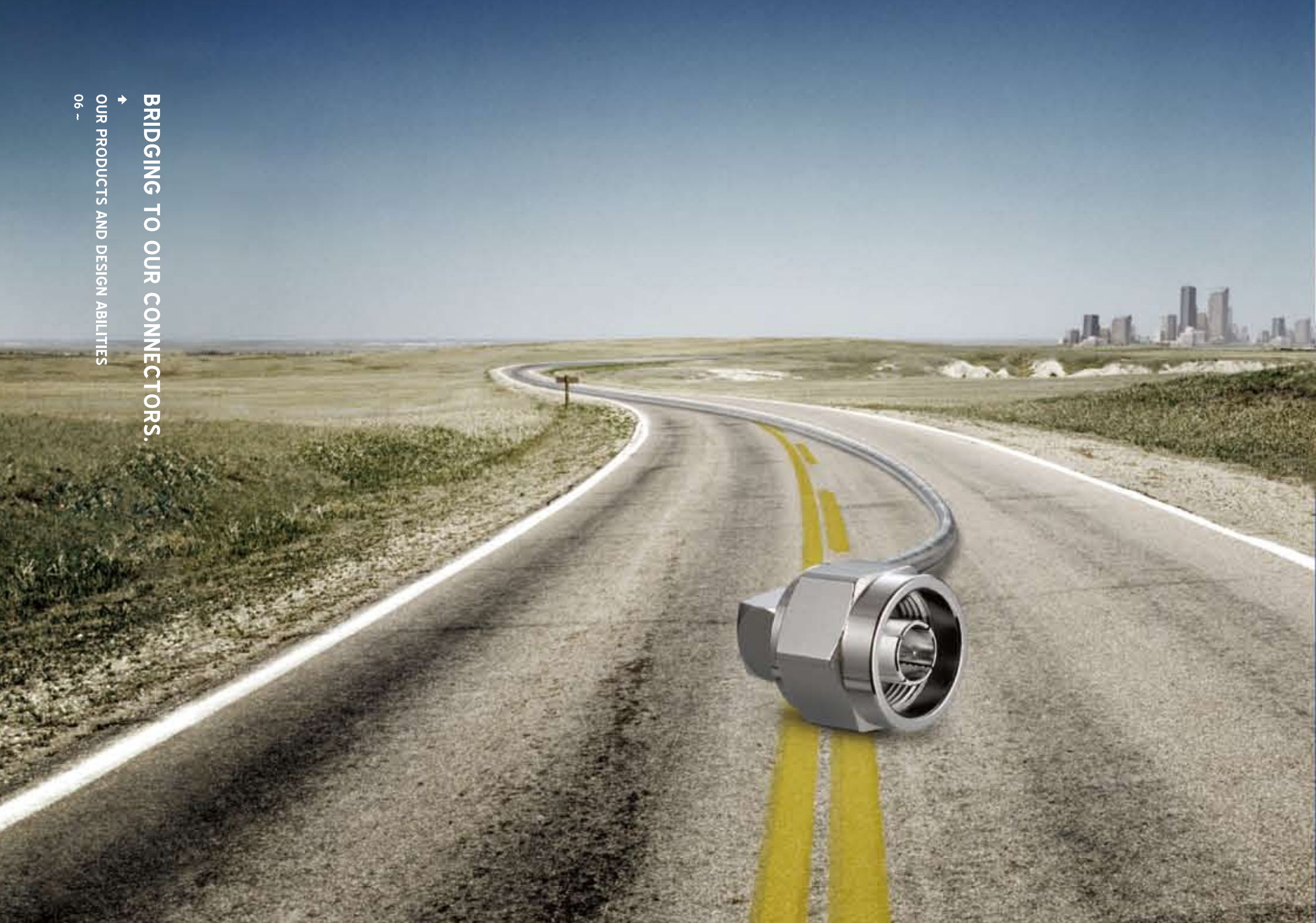
We are certainly not the biggest supplier in the world, neither are we the most famous. This is what makes our strength; We are the young and energetic team from Taiwan that is ready to try that little be harder, ready to be that little bit more flexible to match our clients' needs, just to remain on the map and make ourselves heard in this crowded market.

With a 'can-do' attitude,

Frontlynk management and staff alike treat each business opportunity with the type of open mind and flexibility that ever increasing customized requirements deserve. Furthermore, we realize that repeat business can only be achieved by getting it right every time, in an atmosphere of trust and honesty.

FRONTLYNK CONNECTS TO ITS PEOPLE.



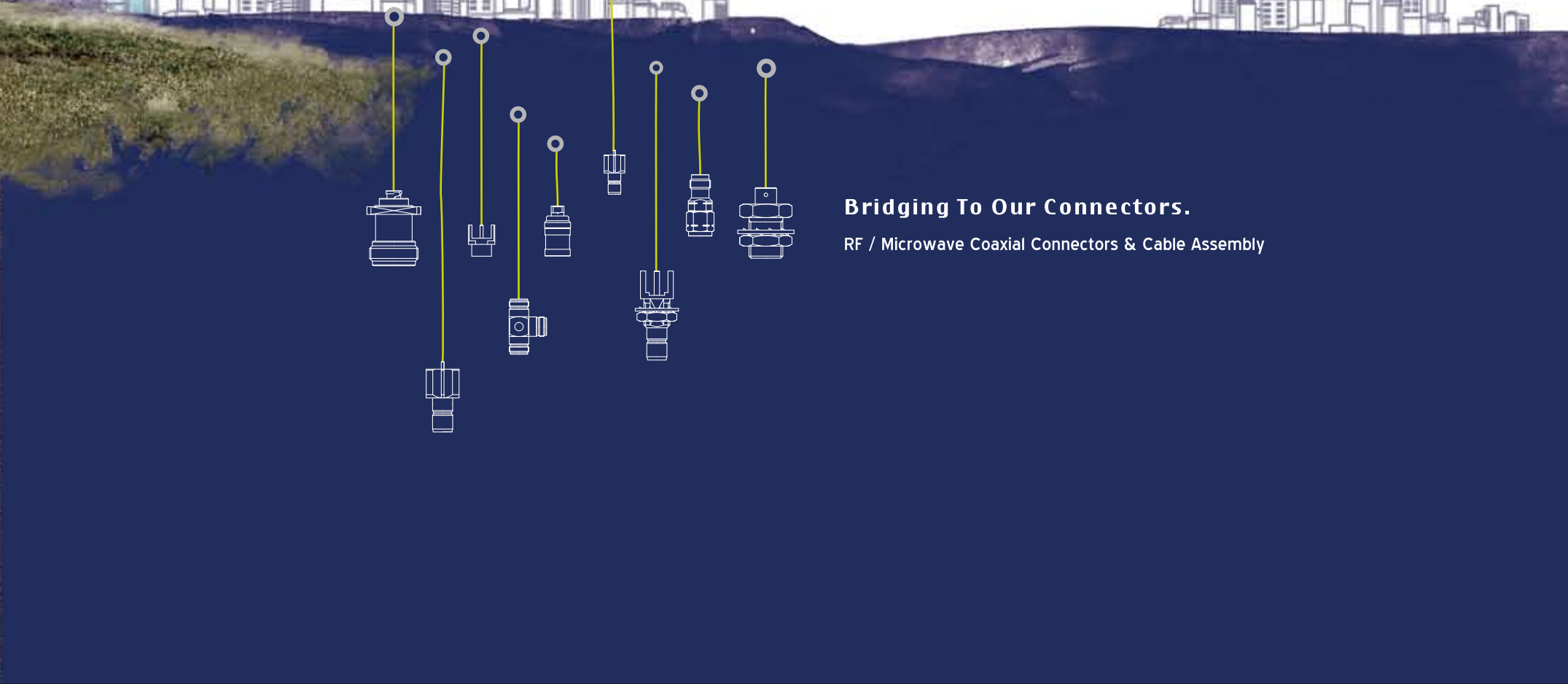


BRIDGING TO OUR CONNECTORS.



OUR PRODUCTS AND DESIGN ABILITIES

06 -



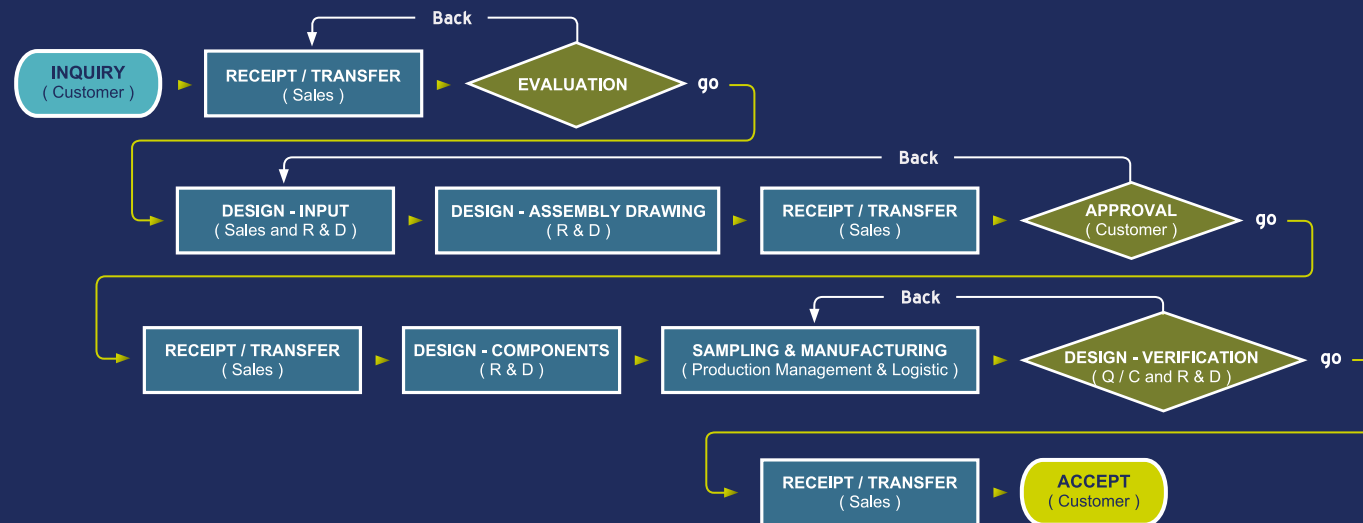
Bridging To Our Connectors.

RF / Microwave Coaxial Connectors & Cable Assembly

Frontlynk is the brand behind production of quality RF Connectors and cable assembly items. The range of Frontlynk's products underline a versatile market demand across many geographical markets.

As a manufacturer, Frontlynk naturally places a lot of emphasis on the supply and delivery of its connectors. The production process leaves nothing to chance and is the result of extensive research involving the critical factors: Operating Frequency, Characteristic Impedance, Skin Effect, Cutoff Frequency, Intermodulation, Voltage and Power Rating, Leakage, etc.

DESIGN PROCESS:





BRIDGING TO OUR CONNECTORS.

Once the stringent technical requirements of our clients have been met in the research lab, it is down to Frontlynk's high performing facilities and machines to transform design into physical products. In the production area, PowerStrip 9500RS stripping machines from Switzerland transform our know-how into products.

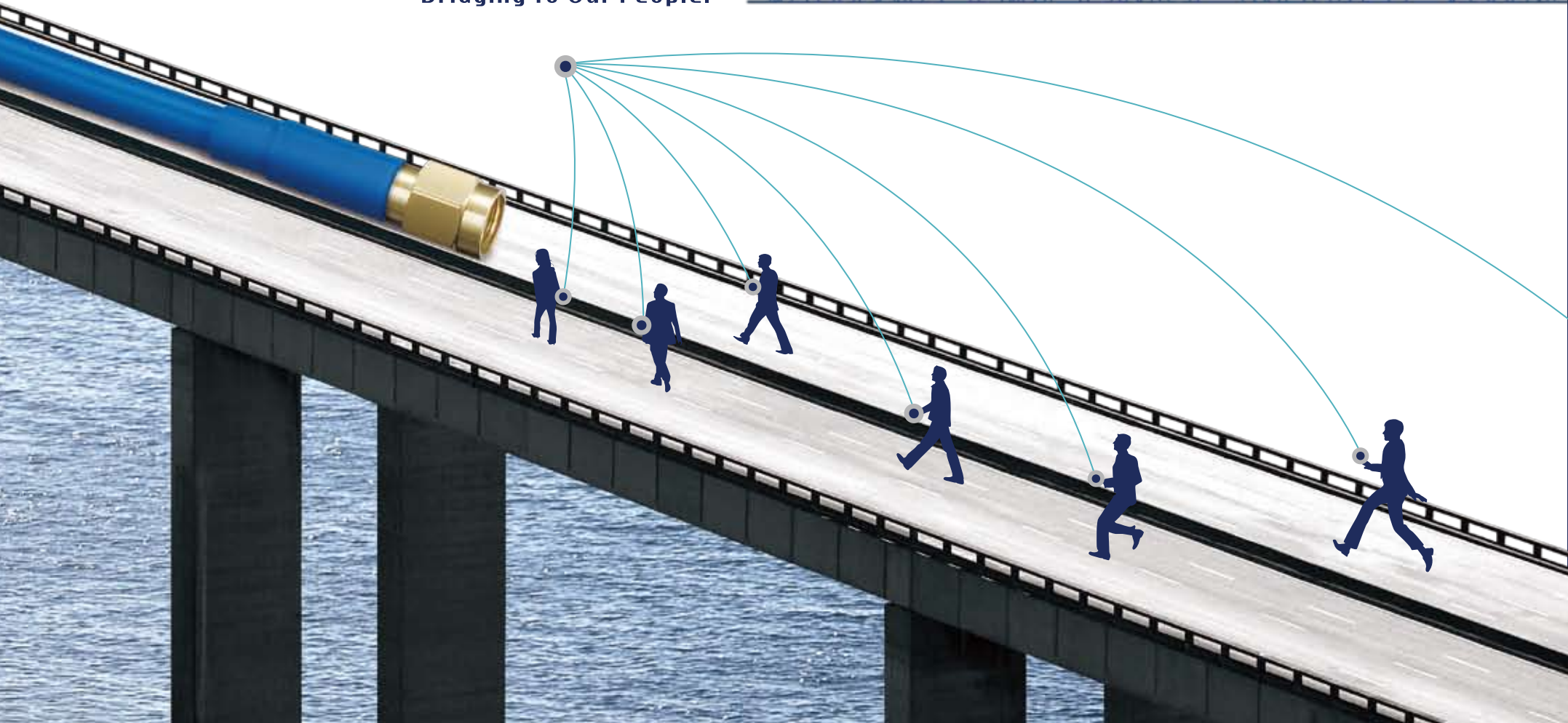
The strict quality control requirements of ISO 9001/2008 are faithfully adhered to at Frontlynk as we view reliability and efficiency as two of the most important values of our brand, and it starts in the factory. Whether it is incoming QC (IQC), process QC (PQC) or final QC (FQC), materials and finished goods are examined for consistency at each stage of the manufacturing process.

In addition, Frontlynk carries out a wide range of testing to ensure that what leaves our doors ends up in our client's premises in perfect condition:

- (⚡) **ELECTRICAL TESTING:** Frontlynk has specialized testing instruments to examine all types of products' return loss, VSWR, conductor impedance, insulation impedance, and withstanding voltage in order to meet international regulations.
- (↔) **MECHANICAL TESTING:** Retention testers examine all products' stress, pressure, and damage tolerance.
- (☁) **ENVIRONMENT TESTING:** We regularly conduct salt spray testing in order to ensure that the electroplating of each component meets the **MIL** standard.

FRONTLYNK. PRODUCTS THAT CONNECT.

Bridging To Our People.



Service is one area where we know that Frontlynk can make a real difference.

Our products are able to compete with what is on offer in the market and we are confident in our manufacturing and R&D ability. Moreover, we have the right people for the job, and we ensure that they have the opportunity to maintain and develop their skills in their field in order to pass that know-how benefit to the client.

Frontlynk staff is specifically trained to provide an all-round service to our clients, from technical problem solving to friendly and efficient advice or support. Regardless of our client's requirements, Frontlynk will combine its resources to provide comprehensive service from design, development, trial-run, mass production, shipment, and after-sales service to its customers.

As an outfit that is keen to increase its size and reputation in the market, Frontlynk is hungry to prove its ability and is always willing to go the extra mile with all its requests. We do not discriminate when it comes to service and for us, a satisfied customer is our bottom line.

FRONTLYNK. UNDERSTANDING OUR CLIENTS.



MODEL NUMBER SYSTEM-CONNECTOR

FL



SERIES

- 01 UNSPECIFIED SERIES
- 20 R/P BNC
- 23 R/P N
- 24 R/P TNC
- 28 R/P SMA
- 33 1.85
- 34 2.4
- 35 3.5
- 38 2.92
- 40 MC CARD
- 51 SSMB
- 52 SSMA
- 60 TRB
- 61 MINI BNC
- 62 MMBX
- 63 SMS
- 64 DIN 41626
- 65 SMP
- 66 QDS
- 68 FAKRA
- 69 BMA
- 70 BNC
- 71 SOLDERLESS
- 72 F
- 73 N
- 74 TNC
- 75 UHF
- 76 MINI UHF
- 77 RCA
- 78 SMA
- 79 PAL
- 80 FME
- 81 CABLE TERMINAL
- 82 G
- 90 7/16
- 91 SMB
- 92 1.6/5.6
- 93 BT43
- 94 STANDARD COAX PATCHING
- 95 MINIATURE COAX PATCHING
- 96 MCX
- 97 MMCX
- 98 SMC
- 99 1.0/2.3

GENDER

- P PLUG
- B PLUG/PLUG
- C PLUG/PLUG/PLUG
- D PLUG/JACK/PLUG
- E PLUG/JACK
- J JACK
- G JACK/JACK
- H JACK/JACK/JACK
- K JACK/PLUG/JACK
- Z OTHERS

DETAILS

- A BULKHEAD, FRONT MOUNT
- B BULKHEAD, REAR MOUNT
- C BULKHEAD, FRONT MOUNT W/ GASKET
- D BULKHEAD, REAR MOUNT W/ GASKET
- E 2 HOLES PANEL
- F 4 HOLES PANEL
- G 2 HOLES PANEL W/GASKET
- H 4 HOLES PANEL W/GASKET
- J PANEL
- K LOCK CLIP (FAKRA)
- L END LAUNCH
- N NO DETAILS
- P CAP
- Q QUICK
- R PRESS IN
- T TERMINATOR CAP W/CHAIN
- Y ISOLATED, FRONT MOUNT
- Z ISOLATED, REAR MOUNT

MT. TYPE

- 1 CABLE, CRIMP
- 2 CABLE, SOLDER
- 3 CABLE, TWIST
- 4 CABLE, CLAMP
- 5 PCB, MOUNT
- 6 PCB, SMT
- 7 PCB, END LAUNCH
- 8 ADAPTOR
- 9 PANEL MOUNT
- 0 OTHERS

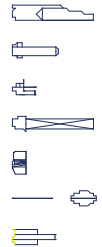
OUTLINE

- N OTHERS
- R RIGHT ANGLE
- S STRAIGHT
- T T TYPE
- U U LINK
- Y Y LINK
- F F LINK

CABLE GROUPS

RECEPT. TYPE

- 00 OTHERS
- 01 SOLDER CUP
- 02 BLUND POST
- 03 SLOT
- 04 HALF ROUNT
- 05 ACCEPTS PIN
- 06 TAB
- 07 EXPOSED TEFLON

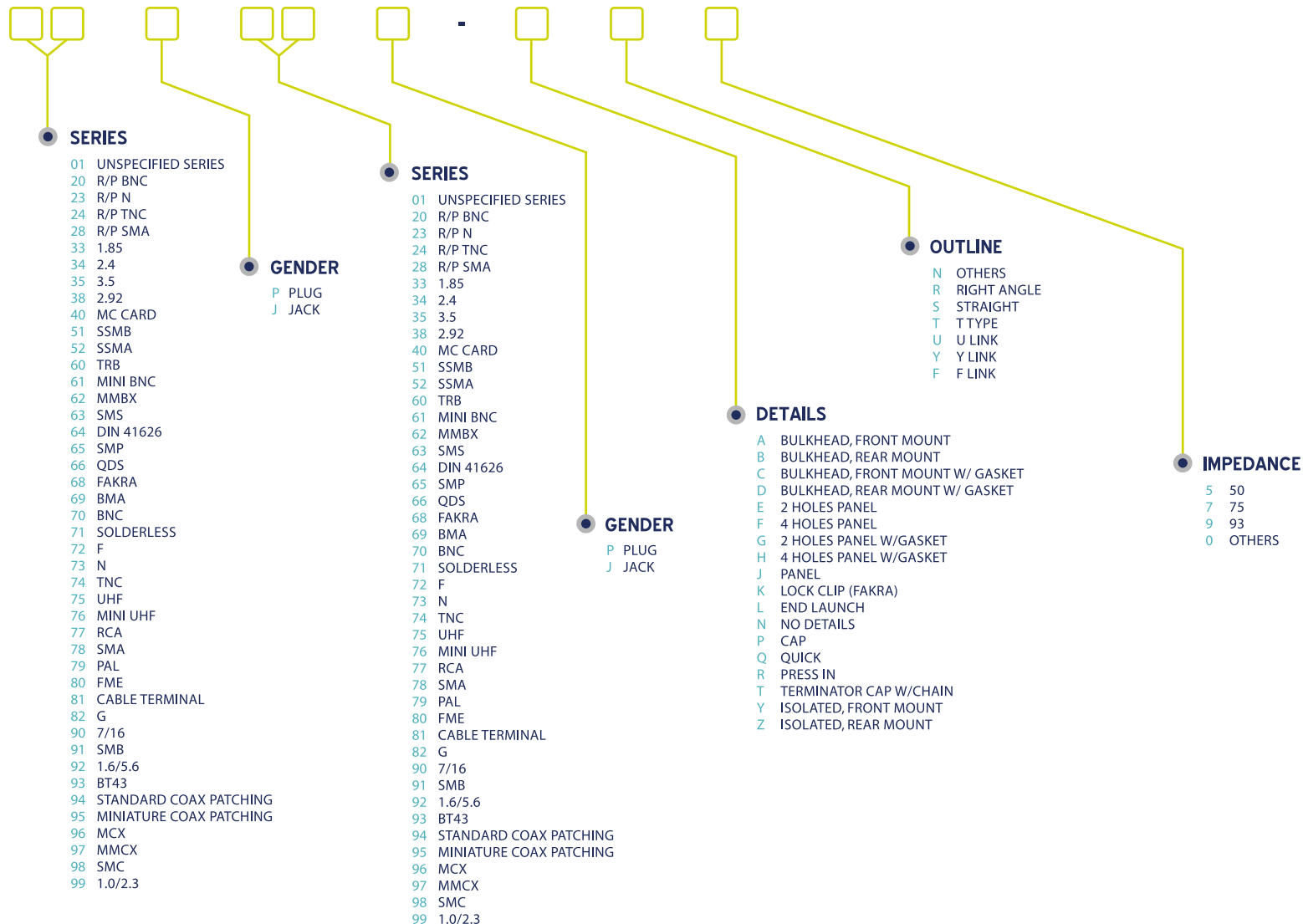


IMPEDANCE

- 5 50
- 7 75
- 9 93
- 0 OTHERS

MODEL NUMBER SYSTEM-BETWEEN SERIES ADAPTOR

FL





CONTENT



15-30
SMA Series

37-46
N Series

31-36
7/16 Series

47-62
BNC Series

63-74
TNC Series

75-79
F Series

CONTENT
14 ~

SMA

CONNECTOR SERIES

INTERFACE MATING DIMENSIONS

SPECIFICATIONS

CONTENT:

R/A Crimp Plug	Panel Recept Jack-Solder Cup
R/A Bulkhead Crimp Jack	Panel Recept Jack-Blind Post
Crimp Plug	Plug To Plug Adaptor
Crimp Jack	R/A Plug To Jack Adaptor
Bulkhead Crimp Jack	Plug To Jack Adaptor
R/A Direct Solder Plug	Jack To Bulkhead Jack Adaptor
Direct Solder Plug	Jack To Jack Adaptor
Bulkhead Direct Solder Jack	Panel Jack To Jack Adaptor
Panel Crimp Jack	T- Angle Jack-Jack-Jack Adaptor
Panel Direct Solder Jack	T- Angle Jack-Plug-Jack Adaptor
Direct Solder Jack	End Launch Plug
R/A PCB Mount Jack	Panel Recept Plug- Solder Cup
PCB Mount Jack	Pcb Bulkhead Jack
End Launch Jack-SMT	R/A Panel Recept Jack-Exposed Teflon
End Launch Jack	
Bulkhead Recept Jack	
Panel Recept Jack-Solder Cup	
Panel Recept Jack-Tab	
Panel Recept Jack-Exposed Teflon	

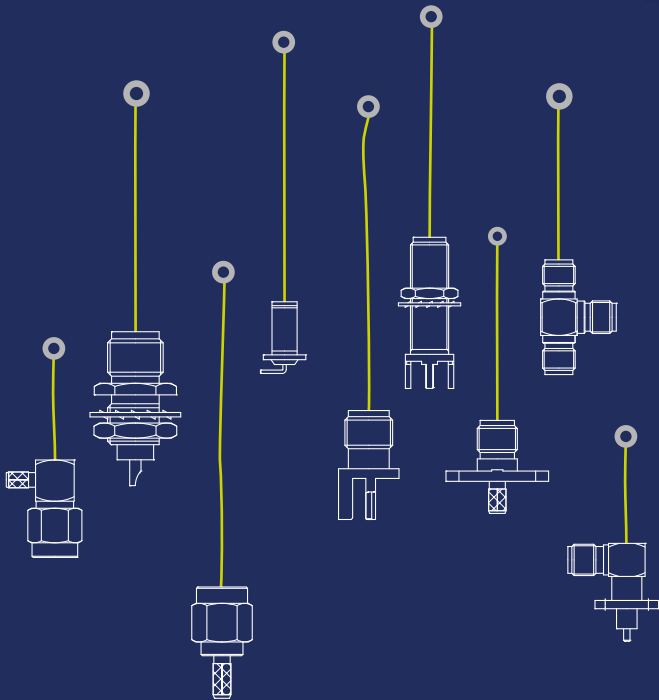
Bridging Gaps



SMA series

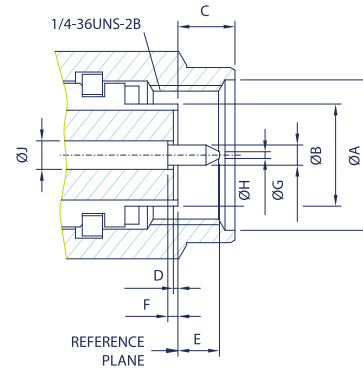
SMA connectors are subminiature units designed to provide high electrical performance for microwave applications up to 18 GHz.

Constructed with Brass or high quality Stainless Steel, SMA connectors ensure excellent durability and mechanical strength.

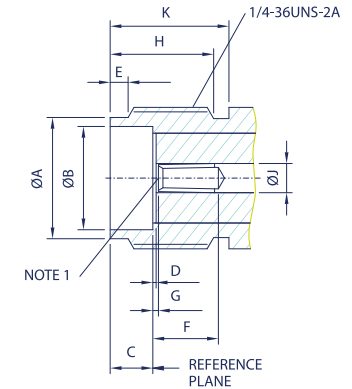


INTERFACE MATING DIMENSIONS

PLUG /



JACK /



PLUG		
Letter	Millimeters	
	Minimum	Maximum
A	6.35	6.73
B	4.53	4.59
C	2.54	3.43
D	0.00	0.25
E	1.91	2.54
F	0.00	0.25
G	0.90	0.94
H	0.00	0.38
J	1.24	1.30

JACK		
Letter	Millimeters	
	Minimum	Maximum
A	5.28	5.49
B	4.60	4.67
C	1.88	1.98
D	0.00	0.25
E	0.38	1.14
F	2.92	-
G	0.00	0.25
H	4.32	-
I	1.24	1.30
J	5.54	-

NOTE 1: I.D. TO MEET VSWR AND CONTACT RESISTANCE WHEN MATED WITH 0.9 / 0.94 MM DIA. PIN.

SPECIFICATIONS

Electrical /

Impedance	50 Ohm	
Frequency Range	0–12.4 GHz on Flexible cable 0–18 GHz on Semi-Rigid cable	
Working Voltage	RG–178: 170 VRMS Max. RG–316,.085": 250 VRMS Max. RG–142,.141": 335 VRMS Max.	
Dielectric Withstanding Voltage	RG–178: 500 VRMS Min. RG–316,.085": 750 VRMS Min. RG–142,.141": 1000 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 /

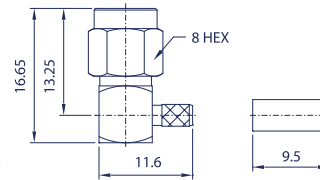
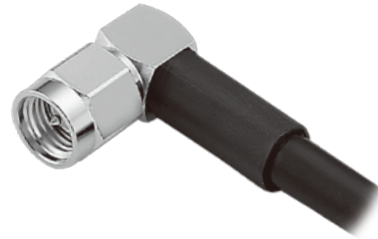
Parts Name	Material	Finish
Body, Metal Parts	Brass per QQ-B-626	Gold 3 micro-inches
Center Contacts	Male: Brass per QQ-B-626	Gold 30 micro-inches
	Female: Beryllium copper per QQ-C-530	Gold 30 micro-inches
Insulators	Teflon	None
Crimp Ferrules	Annealed Copper	Gold 3 micro-inches
Clamp Gaskets	Silicone Rubber	None

NOTE: Other Material / Finish is Available on Request.

Mechanical & Environmental /

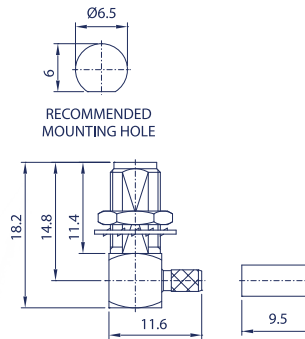
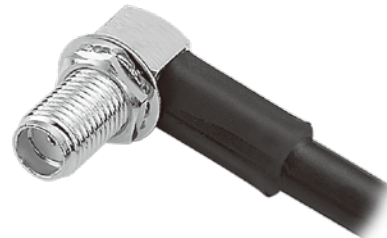
Engagement Force	2 in-lbs. Max.
Disengagement Force	2 in-lbs. Max.
Coupling Nut Retention	60 lbs. Min.
Coupling Proof Torque	15 in-lbs. Min.
Contact Retention	6 lbs. Min.
Durability (Mating)	500 cycles Min. (For beryllium copper female connect only)
Temperature Range	-65°C to 165°C
Vibration	MIL-STD-202 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.

SMA series



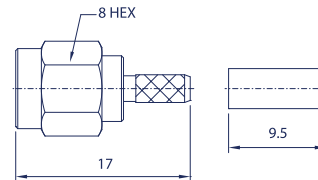
R/A CRIMP PLUG

Model No.	Cable Group	Impedance
FL78P1-NR5	RG-174/U, 188A/U, 316/U RG-316/U DOUBLE BRAID RG-178B/U, 196A/U	50



R/A BULKHEAD CRIMP JACK

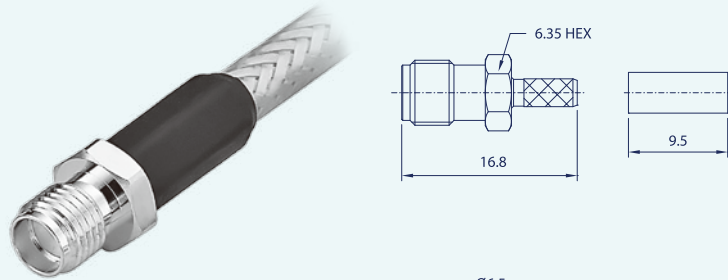
Model No.	Cable Group	Impedance
FL78J1-BR5	RG-174/U, 188A/U, 316/U RG-316/U DOUBLE BRAID RG-178B/U, 196A/U	50



CRIMP PLUG

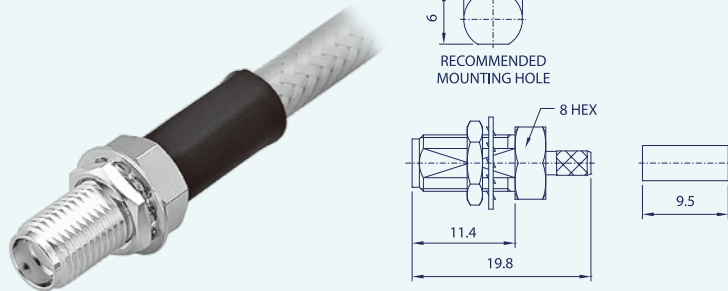
Model No.	Cable Group	Impedance
FL78P1-NS5	RG-58/U, 58C/U RG-142A/U, 223/U, 400/U RG-174/U, 188A/U, 316/U RG-316/U DOUBLE BRAID RG-213/U, B8267 RG-214/U, B8268 LMR-400, B7810A, B8214	50





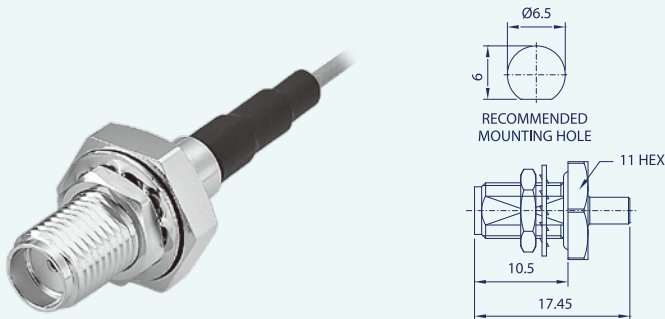
CRIMP JACK

Model No.	Cable Group	Impedance
FL78J1-NS5	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 CRIMP JACK

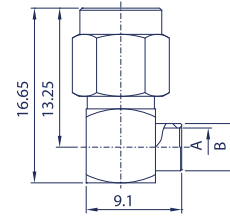
Model No.	Cable Group	Impedance
FL78J1-B55	RG-58/U, 58C/U RG-142A/U, 223/U, 400/U RG-174/U, 188A/U, 316/U RG-316/U DOUBLE BRAID	50



BULKHEAD CRIMP JACK

Model No.	Cable Group	Impedance
FL78J1-DS5	RG-178B/U, 196A/U 1.3mm, 1.32mm, 1.5mm	50

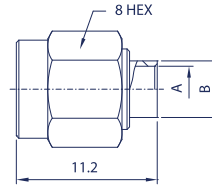
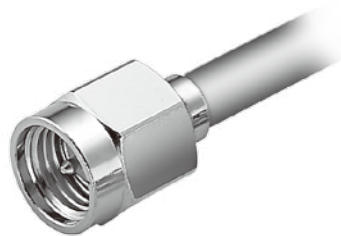
SMA series



.085" Cable A=2.25 Min, B=3.2 Min
.141" Cable A=3.65 Min, B=4.5 Min

R/A DIRECT SOLDER PLUG

Model No.	Cable Group	Impedance
FL78P2-NR5	.141" .085", .086"	50

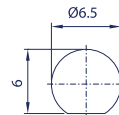


.085" Cable A=2.25 Min, B=3.2, Min, C=3.8
.141" Cable A=3.65 Min, B=4.5, Min, C=3

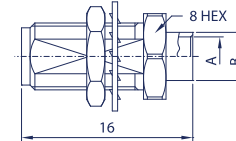
DIRECT SOLDER PLUG

Model No.	Cable Group	Impedance
FL78P2-NS5	.141" .085", .086"	50

20



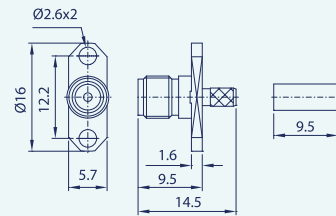
RECOMMENDED MOUNTING HOLE



.085" Cable A=2.25 Min, B=3.2 Min
.141" Cable A=3.65 Min, B=4.5 Min

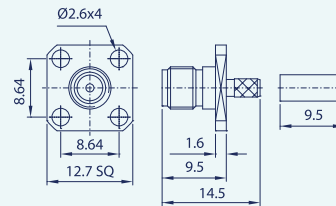
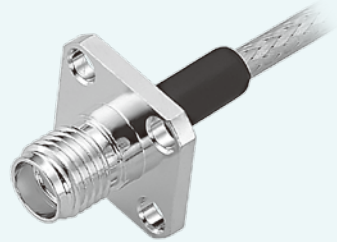
BULKHEAD DIRECT SOLDER JACK

Model No.	Cable Group	Impedance
FL78J2-B55	.141" .085", .086"	50



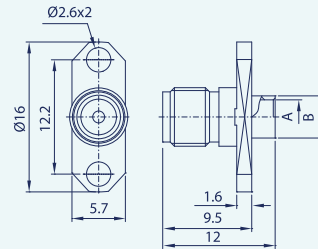
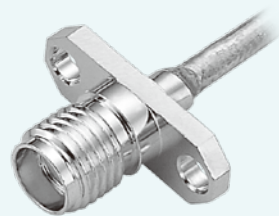
PANEL CRIMP JACK

Model No.	Cable Group	Impedance
FL78J1-ES5	RG-174/U, 188A/U, 316/U RG-316/U DOUBLE BRAID	50



PANEL CRIMP JACK

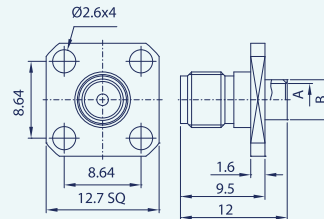
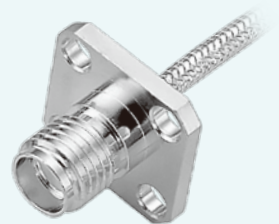
Model No.	Cable Group	Impedance
FL78J1-FS5	RG-174/U, 188A/U, 316/U RG-316/U DOUBLE BRAID	50



PANEL DIRECT SOLDER JACK

Model No.	Cable Group	Impedance
FL78J2-ES5	.141" .085", .086"	50

.085" Cable A=2.25 Min, B=3.2 Min, C=2.5
.141" Cable A=3.65 Min, B=4.5 Min, C=2

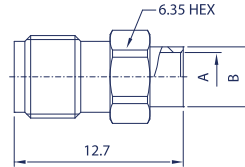


PANEL DIRECT SOLDER JACK

Model No.	Cable Group	Impedance
FL78J2-FS5	.141" .085", .086"	50

.085" Cable A=2.25 Min, B=3.2 Min, C=2.5
.141" Cable A=3.65 Min, B=4.5 Min, C=2

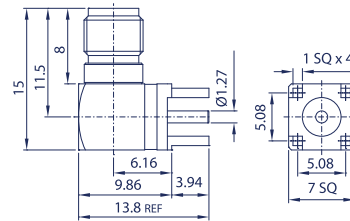
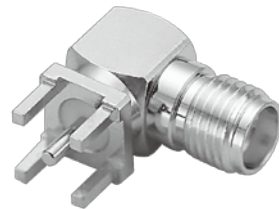
SMA series



.085" Cable A=2.25 Min, B=3.2 Min, C=2.5
 .141" Cable A=3.65 Min, B=4.5 Min, C=2

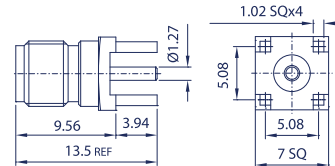
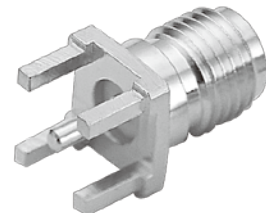
DIRECT SOLDER JACK

Model No.	Cable Group	Impedance
FL78J2-NS5	.141" .085", .086"	50



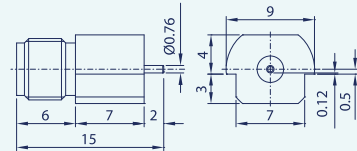
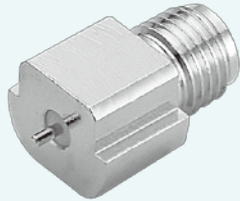
R/A PCB MOUNT JACK

Model No.	Cable Group	Impedance
FL78J5-NR502	N/A	50



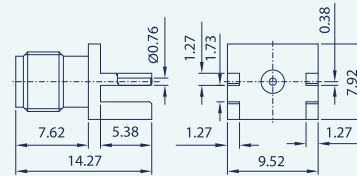
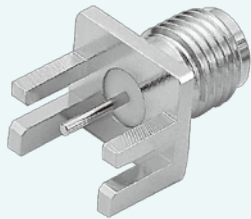
PCB MOUNT JACK

Model No.	Cable Group	Impedance
FL78J5-NS502	N/A	50



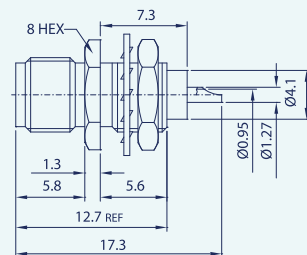
END LAUNCH JACK-SMT

Model No.	Cable Group	Impedance
FL78J6-LS502	N/A	50



END LAUNCH JACK

Model No.	Cable Group	Impedance
FL78J7-LS502	N/A	50

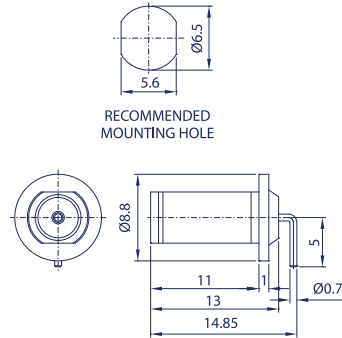


BULKHEAD RECEPT JACK

Model No.	Cable Group	Impedance
FL78J9-AS501	N/A	50

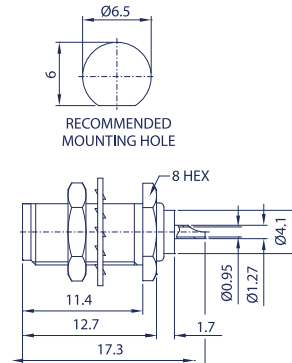
SMA

series



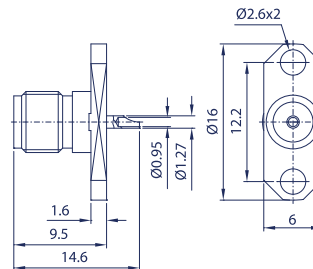
BULKHEAD RECEPT JACK

Model No.	Cable Group	Impedance
FL78J9-AS502	N/A	50



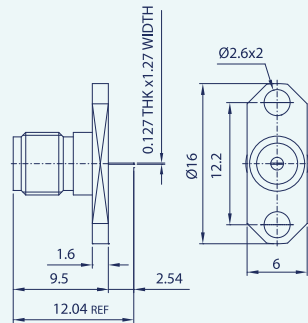
BULKHEAD RECEPT JACK

Model No.	Cable Group	Impedance
FL78J9-BS501	N/A	50



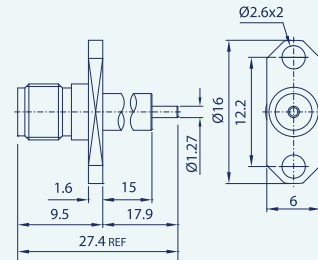
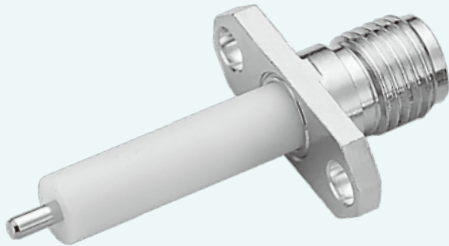
PANEL RECEPT JACK-SOLDER CUP

Model No.	Cable Group	Impedance
FL78J9-ES501	N/A	50



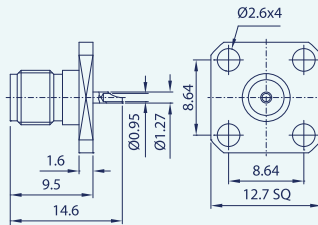
PANEL RECEIPT JACK-TAB

Model No.	Cable Group	Impedance
FL78J9-ES506	N/A	50



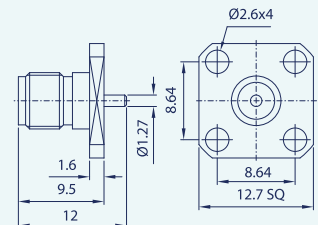
PANEL RECEIPT JACK-EXPOSED TEFLON

Model No.	Cable Group	Impedance
FL78J9-ES507	N/A	50



PANEL RECEIPT JACK-SOLDER CUP

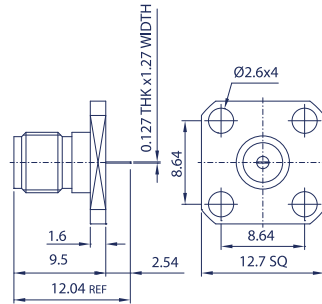
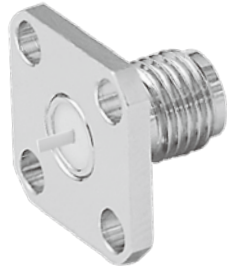
Model No.	Cable Group	Impedance
FL78J9-FS501	N/A	50



PANEL RECEIPT JACK-BLUND POST

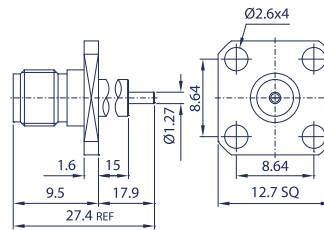
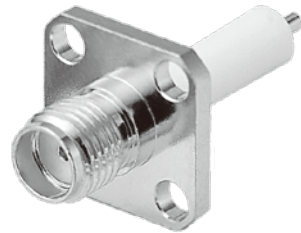
Model No.	Cable Group	Impedance
FL78J9-FS502	N/A	50

SMA series



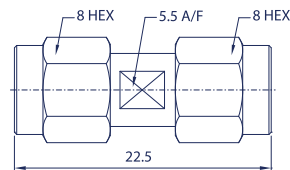
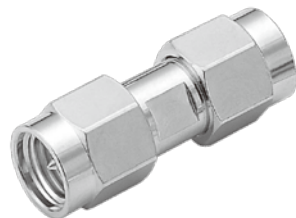
PANEL RECEIPT JACK-TAB

Model No.	Cable Group	Impedance
FL78J9-FS506	N/A	50



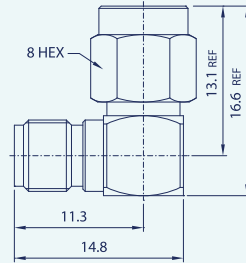
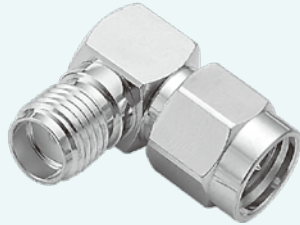
PANEL RECEIPT JACK-EXPOSED TEFLON

Model No.	Cable Group	Impedance
FL78J9-FS507	N/A	50



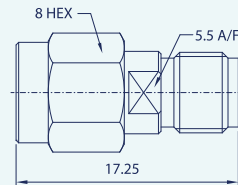
PLUG TO PLUG ADAPTOR

Model No.	Cable Group	Impedance
FL78B8-NS5	N/A	50



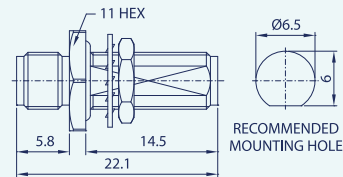
R/A PLUG TO JACK ADAPTOR

Model No.	Cable Group	Impedance
FL78E8-NR5	N/A	50



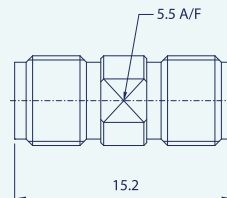
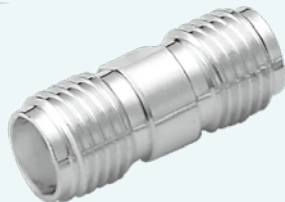
PLUG TO JACK ADAPTOR

Model No.	Cable Group	Impedance
FL78E8-NS5	N/A	50



JACK TO BULKHEAD JACK ADAPTOR

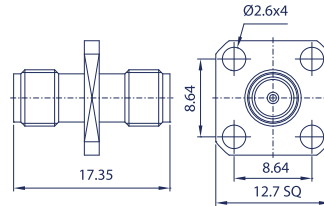
Model No.	Cable Group	Impedance
FL78G8-CS5	N/A	50



JACK TO JACK ADAPTOR

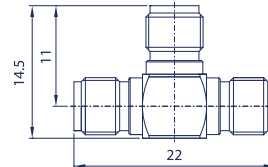
Model No.	Cable Group	Impedance
FL78G8-NS5	N/A	50

SMA series



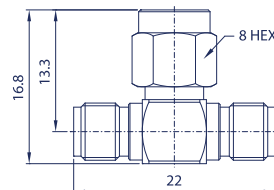
PANEL JACK TO JACK ADAPTOR

Model No.	Cable Group	Impedance
FL78G8-FS5	N/A	50



T- ANGLE JACK-JACK-JACK ADAPTOR

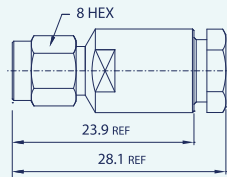
Model No.	Cable Group	Impedance
FL78H8-NT5	N/A	50



T- ANGLE JACK-PLUG-JACK ADAPTOR

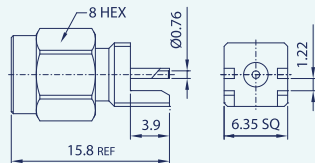
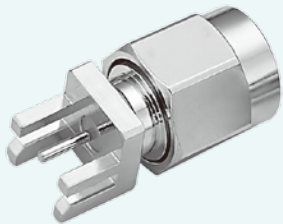
Model No.	Cable Group	Impedance
FL78K8-NT5	N/A	50





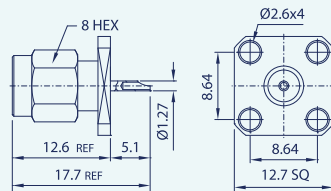
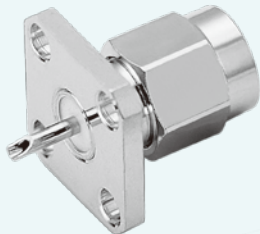
CLAMP PLUG

Model No.	Cable Group	Impedance
FL78P4-NS5	RG-174/U, 188A/U, 316/U	50



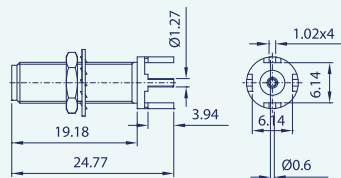
END LAUNCH PLUG

Model No.	Cable Group	Impedance
FL78P7-LS502	N/A	50



PANEL RECEIPT PLUG- SOLDER CUP

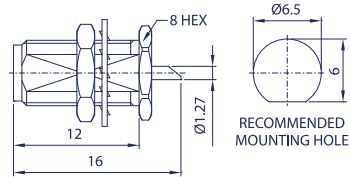
Model No.	Cable Group	Impedance
FL78P9-FS501	N/A	50



PCB BULKHEAD JACK

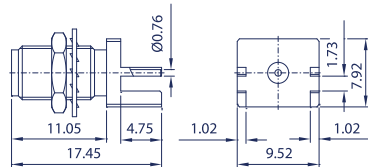
Model No.	Cable Group	Impedance
FL78J5-BS502	N/A	50

SMA series



BULKHEAD RECEPT JACK

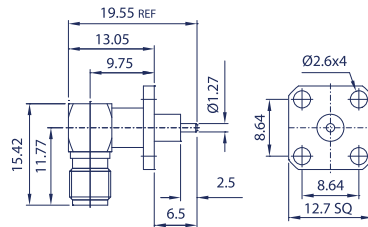
Model No.	Cable Group	Impedance
FL78J9-BS500	N/A	50



END LAUNCH JACK

Model No.	Cable Group	Impedance
FL78J7-BS502	N/A	50

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R/A PANEL RECEPT JACK-EXPOSED TEFLON

Model No.	Cable Group	Impedance
FL78J9-FR507	N/A	50

7/16

CONNECTOR SERIES

INTERFACE MATING DIMENSIONS SPECIFICATIONS

CONTENT:

- R/A Clamp Plug
- R/A Clamp Jack
- Crimp Plug
- Crimp Jack
- Panel Jack
- Panel Plug
- Panel Jack
- Clamp Plug
- Clamp Jack

Bridging Gaps



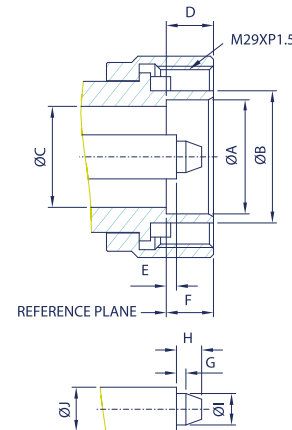
7/16 series

The 7/16 series connectors are applied to communication systems with high power. With the design of 50 Ohm impedance and remarkable performance up to 7.5 GHz, 7/16 connectors can be applied with the transmission of power and has low loss in signal transmission. These connectors are used widely in applications such as transmitting stations and cell phone base stations. Frontlynk's 7/16 connectors can fit your application perfectly: we've further passed PIM and high power tests to ensure consistent high levels of quality.

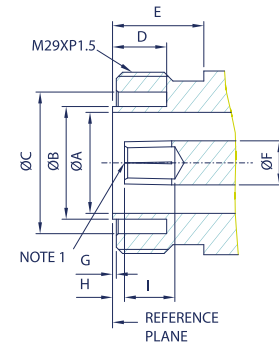


INTERFACE MATING DIMENSIONS

PLUG /



JACK /



PLUG		
Letter	Millimeters	
	Minimum	Maximum
A	18.03	18.21
B	20.60	21.40
C	15.85	16.25
D	7.00	8.00
E	1.47	1.77
F	7.00	9.00
G	1.40	1.60
H	-	4.50
J	4.96	5.04
K	6.97	7.03

JACK		
Letter	Millimeters	
	Minimum	Maximum
A	15.85	16.25
B	-	18.00
C	22.10	22.90
D	8.10	-
E	10.00	-
F	6.94	7.03
G	0.50	0.70
H	1.77	2.07
I	5.00	-

NOTE 1: I.D. TO MEET VSWR AND CONTACT RESISTANCE WHEN MATED WITH 4.96 / 5.04 MM DIA. PIN.

SPECIFICATIONS

Electrical /

Impedance		50 Ohm
Frequency Range		0 - 7.5 GHz
Working Voltage		2500 VRMS Max.
Dielectric Withstanding Voltage		ANDREW 1/4" CABLE: 3000 VRMS Max. LMR-400 CABLE: 4000 VRMS Max.
VSWR	Straight	1.3 Max.
	Right Angle	1.5 Max.
Contact Resistance	Center Contact	0.4 Milliohms Max.
	Outer Contact	1.5 Milliohms Max.
Insulator Resistance		10000 Megohms Min.

Material /

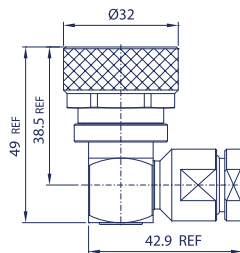
Parts Name	Material	Finish
Body, Metal Parts	Plug: Brass per QQ-B-626	Albaloy
Center Contacts	Plug: Brass per QQ-B-626	Silver
	Jack: Beryllium copper per QQ-C-530	Silver
Insulators	Teflon	None
Crimp Ferrules	Annealed Brass	Albaloy
Clamp Gaskets	Silicone Rubber	None

NOTE: Other Material / Finish is Available on Request.

Mechanical & Environmental /

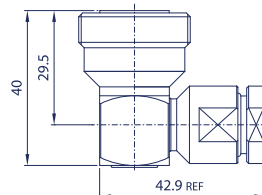
Coupling Nut Retention	225 lbs. Min.
Coupling Proof Torque	310 in- lbs. Min.
Contact Retention	45 lbs. Min.
Durability (Mating)	500 cycles Min. (For beryllium copper female contact only)

7/16 series



R/A CLAMP PLUG

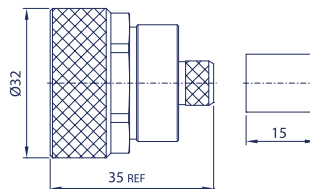
Model No.	Cable Group	Impedance
FL90P4-NR5	ANDREW 1/4"	50



R/A CLAMP JACK

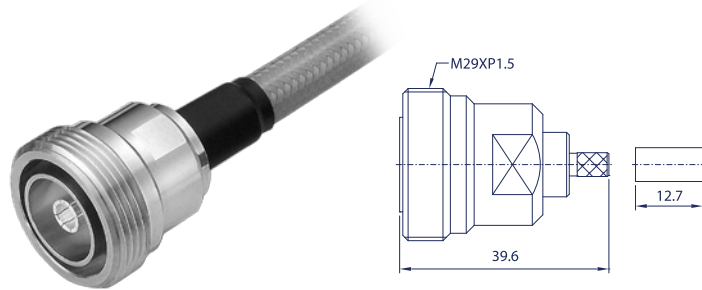
Model No.	Cable Group	Impedance
FL90J4-NR5	ANDREW 1/4"	50

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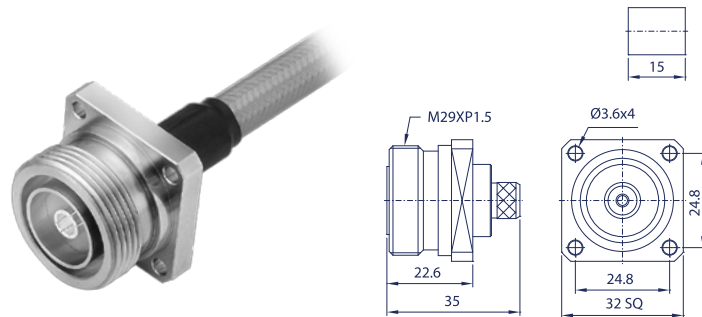
CRIMP PLUG

Model No.	Cable Group	Impedance
FL90P1-NS5	LMR-400, B7810A, B8214	50



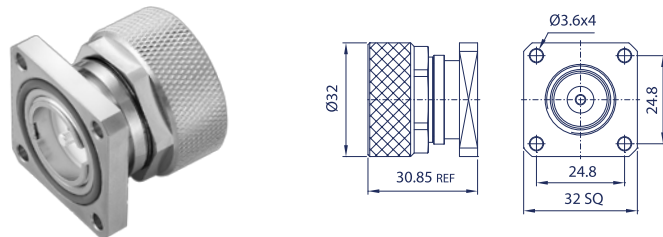
CRIMP JACK

Model No.	Cable Group	Impedance
FL90J1-NS5	LMR-200, B7807A LMR-400, B7810A, B8214	50



PANEL CRIMP JACK

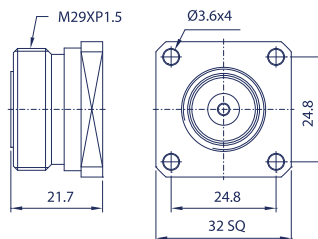
Model No.	Cable Group	Impedance
FL90J1-HS5	LMR-200, B7807A LMR-400, B7810A, B8214	50



PANEL PLUG

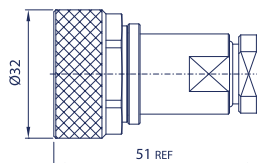
Model No.	Cable Group	Impedance
FL90P9-HS500	N/A	50

7/16 series



PANEL JACK

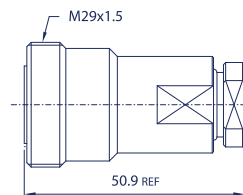
Model No.	Cable Group	Impedance
FL90J9-HS500	N/A	50



CLAMP PLUG

Model No.	Cable Group	Impedance
FL90P4-NS5	ANDREW 1/4" KUWES 1/2"	50

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CLAMP JACK

Model No.	Cable Group	Impedance
FL90J4-NS5	ANDREW 1/4"	50

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	

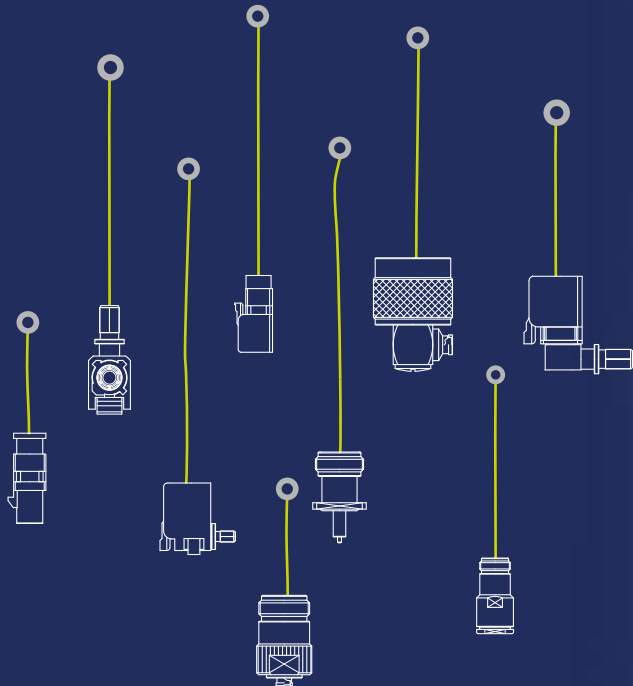
Bridging Gaps



N series

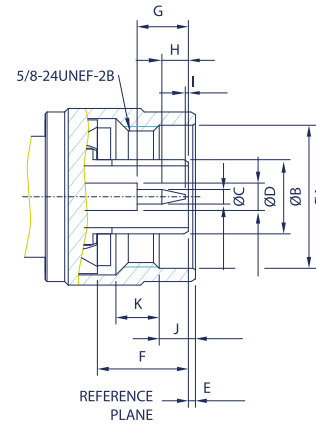
N connectors are medium size, high quality connectors with a coupling screw system designed for use at frequencies up to 11 GHz.

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

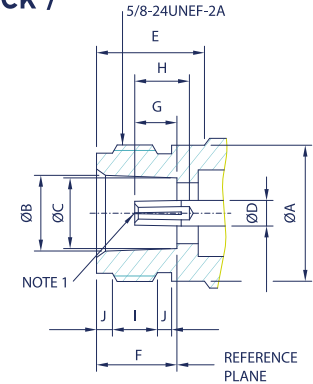


INTERFACE MATING DIMENSIONS

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 /

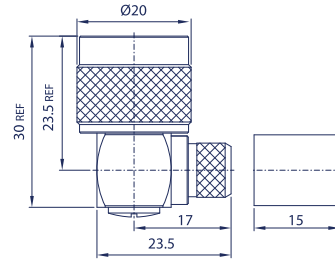
Parts Name	Material	Finish
Body, Metal Parts	Brass per QQ-B-626	Nickel 70 micro-inches
Center Contacts	Male: Brass per QQ-B-626	Gold 3 micro-inches
	Female: Phosphor Bronze per QQ-B-750	Gold 3 micro-inches
Insulators	Teflon	None
Crimp Ferrules	Annealed Brass	Nickel 70 micro-inches
Clamp Gaskets	Silicone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

NOTE: Other Material / Finish is Available on Request.

Mechanical & Environmental /

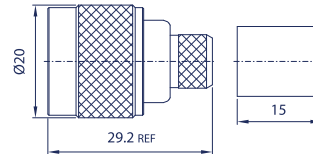
Engagement Force	6 in-lbs. Max.
Disengagement Force	6 in-lbs. Max.
Coupling Nut Retention	100 lbs. Min.
Coupling Proof Torque	30 in-lbs. Min.
Contact Retention	6 lbs. Min.
Durability (Mating)	500 cycles Min. (For beryllium copper female contact only)
Temperature Range	-65°C to 165°C
Vibration	MIL-STD-202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

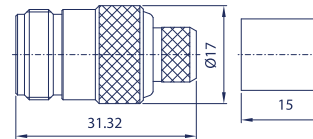
Model No.	Cable Group	Impedance
FL73P1-NR5	RG-58/U, 58C/U RG-142A/U, 223/U, 400/U RG-213/U, B8267 RG-214/U, B8268 LMR-400, B7810A, B8214	50



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

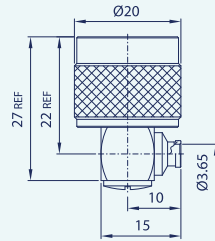
40



CRIMP JACK

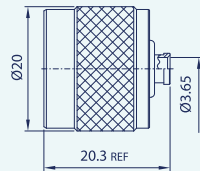
Model No.	Cable Group	Impedance
FL73J1-NS5	RG-58/U, 58C/U RG-142A/U, 223/U, 400/U RG-213/U, B8267 RG-214/U, B8268 LMR-400, B7810A, B8214	50





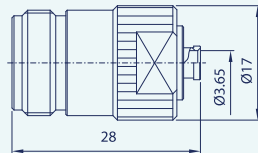
R/A DIRECT SOLDER PLUG

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



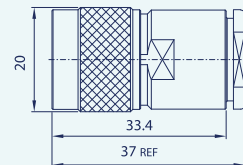
DIRECT SOLDER PLUG

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



DIRECT SOLDER JACK

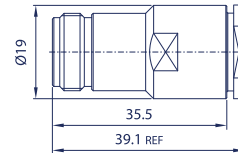
Model No.	Cable Group	Impedance
FL73J2-NS5	.141" .085",.086"	50



CLAMP PLUG

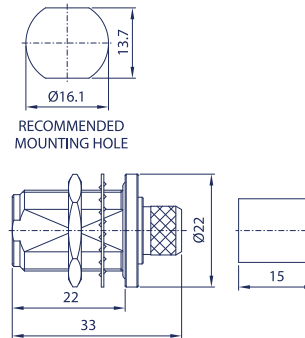
Model No.	Cable Group	Impedance
FL73P4-NS5	RG-58/U, 58C/U RG-213/U, B8267 RG-214/U, B8268	50

N series



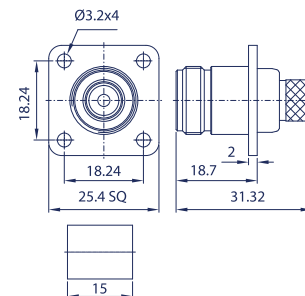
CLAMP JACK

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

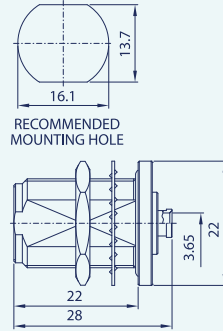
Model No.	Cable Group	Impedance
FL73J1-DS5	RG-58/U, 58C/U RG-142A/U, 223/U, 400/U RG-174/U, 188A/U, 316/U RG-316/U DOUBLE BRAID RG-213/U, B8267 RG-214/U, B8268 LMR-400/B7810A/B8214 LMR-600	50



PANEL CRIMP JACK

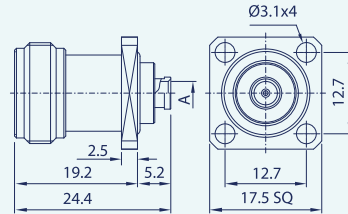
Model No.	Cable Group	Impedance
FL73J1-FS5	RG-58/U, 58C/U RG-142A/U, 223/U, 400/U RG-174/U, 188A/U, 316/U RG-316/U DOUBLE BRAID RG-213/U, B8267 RG-214/U, B8268 LMR-400, B7810A, B8214	50





BULKHEAD DIRECT SOLDER JACK

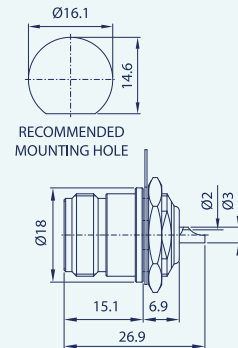
Model No.	Cable Group	Impedance
FL73J2-DS5	.141" .085",.086"	50



PANEL DIRECT SOLDER JACK

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

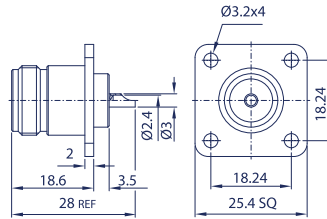
.085" Cable A=2.25 Min, B=3.4 C=2.7
.141" Cable A=3.65 Min, B=3 C=3



BULKHEAD RECEPT JACK

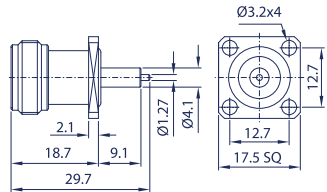
Model No.	Cable Group	Impedance
FL73J9-AS501	N/A	50

N series



PANEL RECEPT JACK

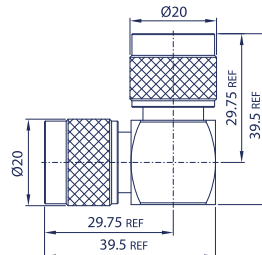
Model No.	Cable Group	Impedance
FL73J9-FS501	N/A	50



PANEL RECEPT JACK

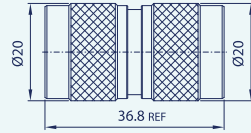
Model No.	Cable Group	Impedance
FL73J9-HS507	N/A	50

44



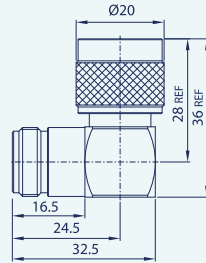
R/A PLUG TO PLUG ADAPTOR

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



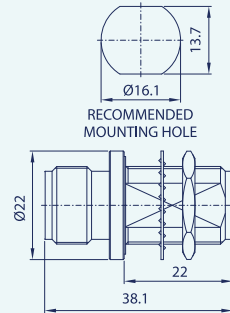
PLUG TO PLUG ADAPTOR

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



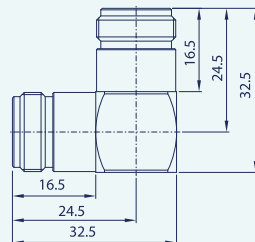
R/A JACK TO PLUG ADAPTOR

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



JACK TO BULKHEAD JACK ADAPTOR

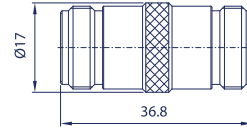
Model No.	Cable Group	Impedance
FL73G8-CS5	N/A	50



R/A JACK TO JACK ADAPTOR

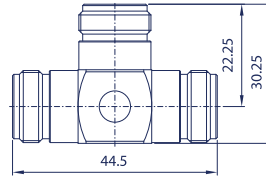
Model No.	Cable Group	Impedance
FL73G8-NR5	N/A	50

N series



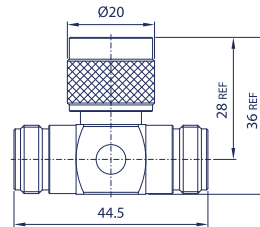
JACK TO JACK ADAPTOR

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



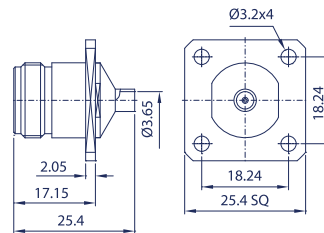
T- ANGLE JACK-JACK-JACK ADAPTOR

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



PANEL DIRECT SOLDER JACK

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



BNC

CONNECTOR SERIES

INTERFACE MATING DIMENSIONS

SPECIFICATIONS

CONTENT:

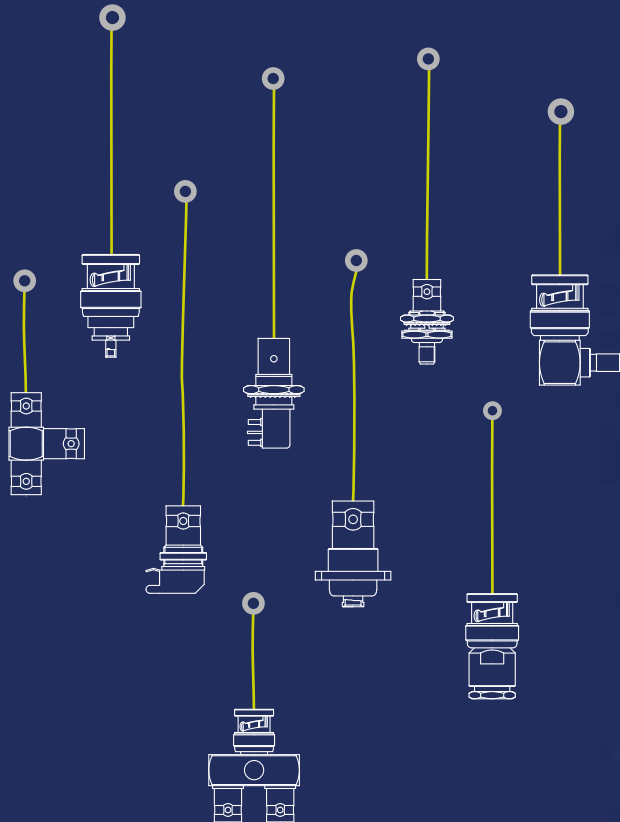
Recept Plug For Molded	End Launch Jack
Recept Jack For Molded	Bulkhead Recept Jack
R/A Crimp Plug	R/A Panel Jack
Crimp Plug	Panel Recept Jack
Crimp Jack	Isolated Bulkhead Recept Jack
Bulkhead Crimp Jack	Plug To Plug Adaptor
Isolated Bulkhead Crimp Jack	R/A Jack To Plug Adaptor
Panel Crimp Jack	Plug To Jack Adaptor
Direct Solder Plug	Bulkhead Jack To Jack Adaptor
Direct Solder Jack	Isolated Bulkhead Jack To Jack Adaptor
Bulkhead Direct Solder Jack	Jack To Jack Adaptor
Panel Direct Solder Jack	T- Angle Jack-jack-jack Adaptor
Twist On Plug	T- Angle Jack-plug-jack Adaptor
R/A Clamp Plug	"Y" Link Jack-plug-jack Adaptor
Clamp Plug	Bulkhead Clamp Jack
Clamp Jack	SMT End Launch Jack
Panel Clamp Jack	Panel Plug
R/A PCB Mount Jack	
PCB Mount Jack	

Bridging Gaps



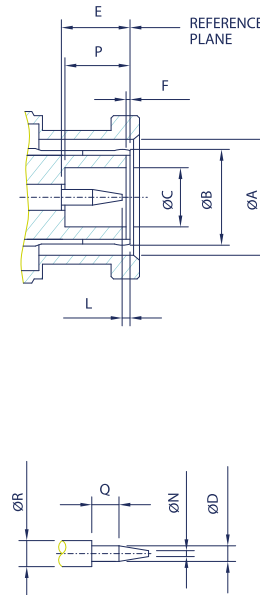
BNC series

BNC connectors are characterized by their 2-stud quick disconnect bayonet lock coupling arrangement. They are suitable for a wide range of systems, including radio telecommunication systems, medical equipment, computer network and test instrumentation.

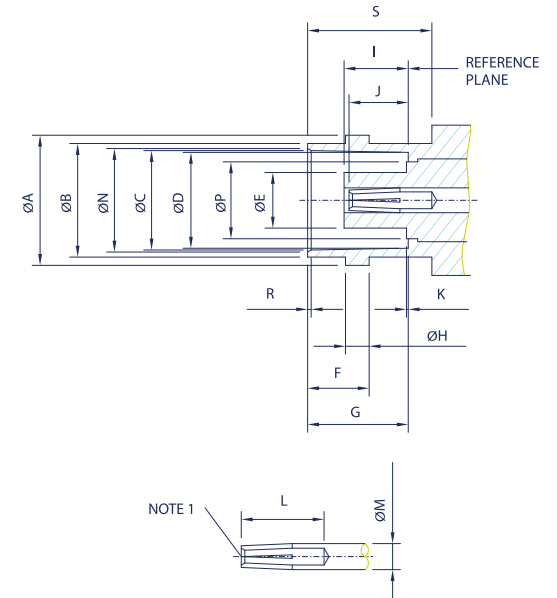


INTERFACE MATING DIMENSIONS

PLUG /



JACK /



NOTE 1: I.D. TO MEET VSWR AND CONTACT RESISTANCE WHEN MATED WITH 0.32 / 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 /

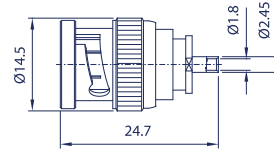
Parts Name	Material	Finish
Body, Metal Parts	Brass per QQ-B-626	Nickel 70 micro-inches
Center Contacts	Male: Brass per QQ-B-626	Gold 3 micro-inches
	Female: Phosphor Bronze per QQ-B-750	Gold 3 micro-inches
Insulators	Teflon, Delrin	None
Crimp Ferrules	Annealed Brass	Nickel 70 micro-inches
Clamp Gaskets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

NOTE: Other Material / Finish is Available on Request.

Mechanical & Environmental /

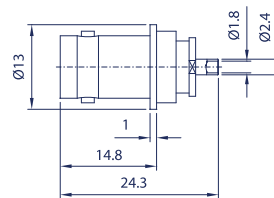
Engagement Force	2.5 in-lbs. Max. torque
Disengagement Force	3 lbs. Max. axial force
Coupling Nut Retention	100 lbs. Min.
Contact Retention	6 lbs. Min.
Durability (Mating)	500 cycles Min. (For beryllium copper female contact only)
Temperature Range	-65°C to 165°C
Vibration	MIL-STD-202 Method 204 Test Cond.B.
Salt Spray	MIL-STD-202 Method 101 Test Cond.B.
Thermal Shock	MIL-STD-202 Method 107 Test Cond.B.

BNC series



RECEPT PLUG FOR MOLDED

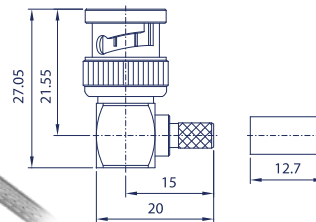
Model No.	Cable Group	Impedance
FL70P0-NS501	N/A	50
FL70P0-NS701	N/A	75



RECEPT JACK FOR MOLDED

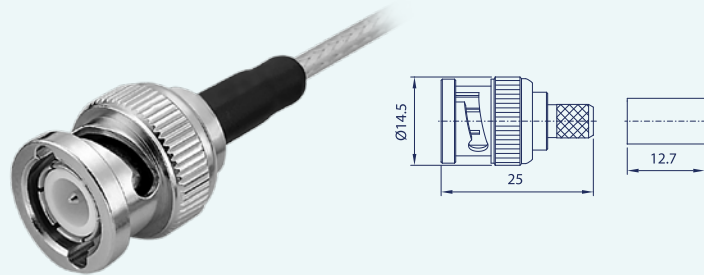
Model No.	Cable Group	Impedance
FL70J0-NS501	N/A	50
FL70J0-NS701	N/A	75

50



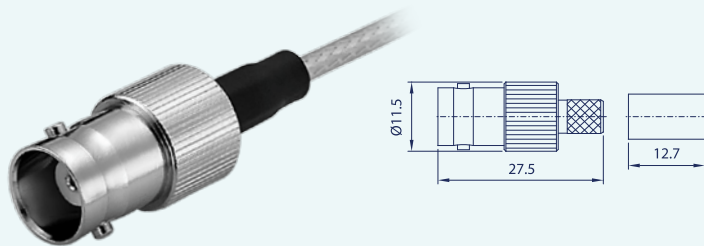
R/A CRIMP PLUG

Model No.	Cable Group	Impedance
FL70P1-NR5	RG-58C/U, 58/U RG-142A/U, 223/U, 400U RG-174/U, 188A/U, 316/U RG-316/U DOUBLE BRAID	50
FL70P1-NR7	RG-59/U RG-179/U, 187A/U	75



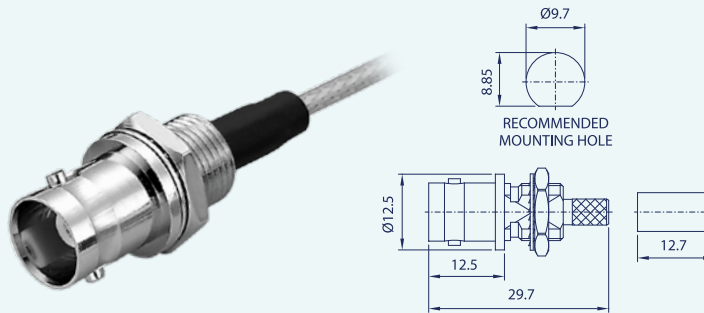
CRIMP PLUG

Model No.	Cable Group	Impedance
FL70P1-NS5	RG-58C/U, 58/U RG-142A/U, 223/U, 400U RG-174/U, 188A/U, 316/U RG-316/U DOUBLE BRAID	50
FL70P1-NS7	RG-59/U RG-179/U, 187A/U	75



CRIMP JACK

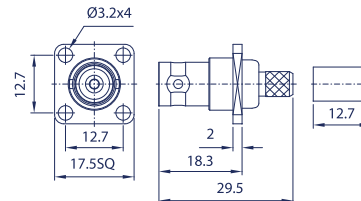
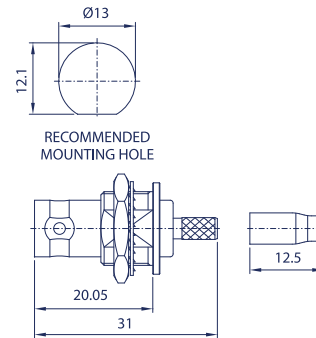
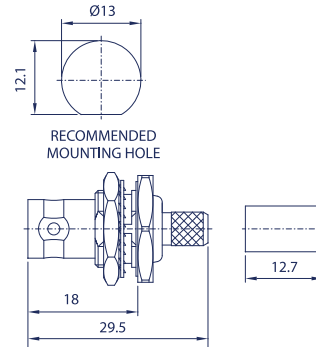
Model No.	Cable Group	Impedance
FL70J1-NS5	RG-58C/U, 58/U RG-142A/U, 223/U, 400U RG-174/U, 188A/U, 316/U RG-316/U DOUBLE BRAID	50
FL70J1-NS7	RG-59/U RG-179/U, 187A/U	75



BULKHEAD CRIMP JACK

Model No.	Cable Group	Impedance
FL70J1-AS5	RG-58C/U, 58/U RG-142A/U, 223/U, 400U RG-174/U, 188A/U, 316/U RG-316/U DOUBLE BRAID	50
FL70J1-AS7	RG-59/U RG-179/U, 187A/U	75

BNC series



BULKHEAD CRIMP JACK

Model No.	Cable Group	Impedance
FL70J1-DS5	RG-58C/U, 58/U RG-142A/U, 223/U, 400U RG-174/U, 188A/U, 316/U RG-316/U DOUBLE BRAID	50
FL70J1-DS7	RG-59/U RG-179/U, 187A/U	75

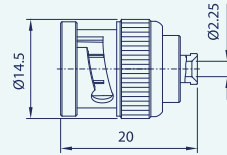
ISOLATED BULKHEAD CRIMP JACK

Model No.	Cable Group	Impedance
FL70J1-ZS5	RG-174/U, 188A/U, 316/U RG-316/U DOUBLE BRAID	50
FL70J1-ZS7	RG-179/U, 187A/U	75

PANEL CRIMP JACK

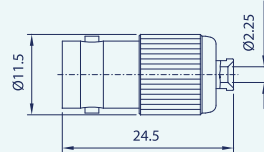
Model No.	Cable Group	Impedance
FL70J1-FS5	RG-58C/U, 58/U RG-142A/U, 223/U, 400U RG-174/U, 188A/U, 316/U RG-316/U DOUBLE BRAID	50
FL70J1-FS7	RG-59/U RG-179/U, 187A/U	75





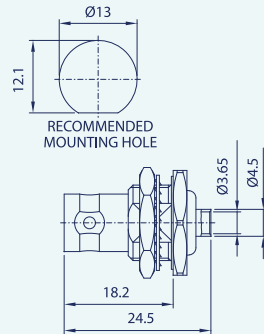
DIRECT SOLDER PLUG

Model No.	Cable Group	Impedance
FL70P2-NS5	.085",.086"	50



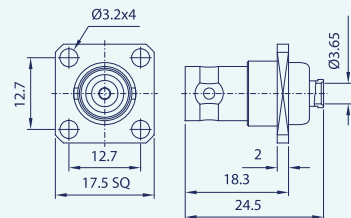
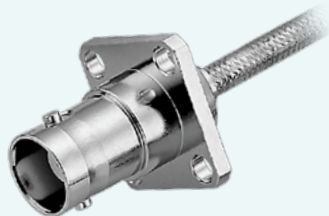
DIRECT SOLDER JACK

Model No.	Cable Group	Impedance
FL70J2-NS5	.085",.086"	50



BULKHEAD DIRECT SOLDER JACK

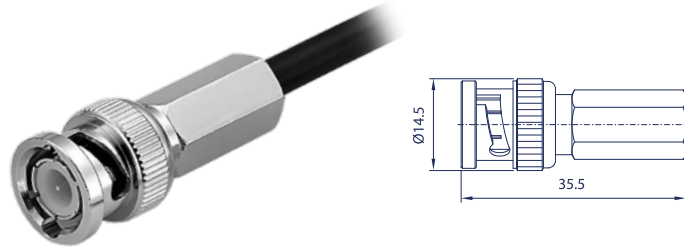
Model No.	Cable Group	Impedance
FL70J2-DS5	.141"	50



PANEL DIRECT SOLDER JACK

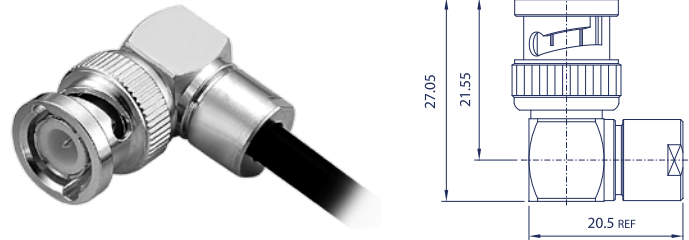
Model No.	Cable Group	Impedance
FL70J2-FS5	.141"	50

BNC series



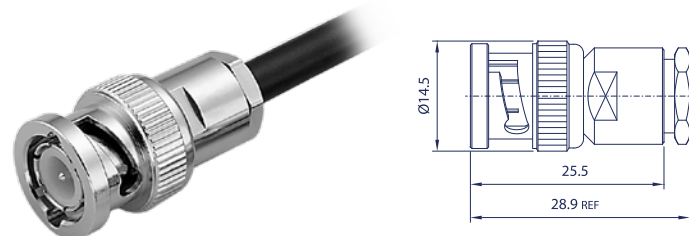
TWIST ON PLUG

Model No.	Cable Group	Impedance
FL70P3-NS5	RG-58U, 58C/U	50
FL70P3-NS7	RG-59/U RG-6/U, B9248	75



R/A CLAMP PLUG

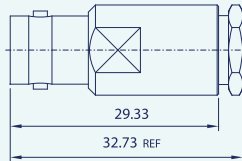
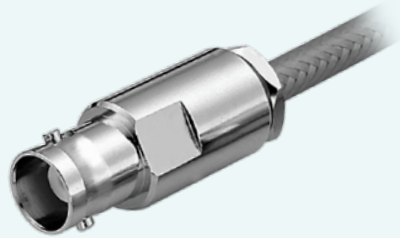
Model No.	Cable Group	Impedance
FL70P4-NR5	RG-58U, 58C/U	50
FL70P4-NR7	RG-59/U	75



CLAMP PLUG

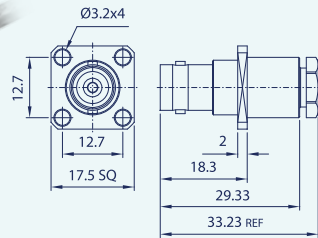
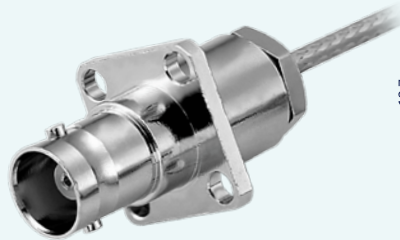
Model No.	Cable Group	Impedance
FL70P4-NS5	RG-58U, 58C/U RG-142A/U, 223/U, 400/U RG-174/U, 188A/U, 316/U RG-214/U, B8268	50
FL70P4-NS7	RG-179/U, 187A/U	75





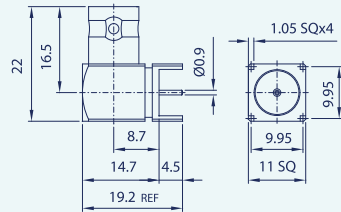
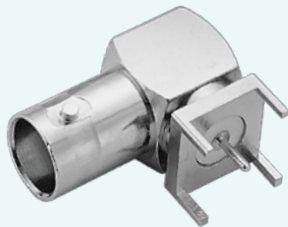
CLAMP JACK

Model No.	Cable Group	Impedance
FL70J4-NS5	RG- 58U, 58C/U RG-142A/U, 223/U, 400/U RG-174/U, 188A/U, 316/U RG-214/U, B8268	50
FL70J4-NS7	RG-179/U, 187A/U	75



PANEL CLAMP JACK

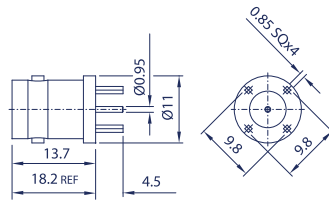
Model No.	Cable Group	Impedance
FL70J4-FS5	RG-58/U, 58C/U RG-142A/U, 223/U, 400/U RG-174/U, 188A/U, 316/U	50
FL70J4-FS7	RG-179/U, 187A/U	75



R/A PCB MOUNT JACK

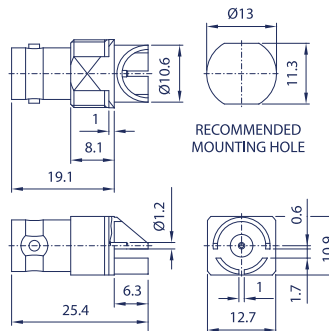
Model No.	Cable Group	Impedance
FL70J5-NR502	N/A	50
FL70J5-NR702	N/A	75

BNC series



PCB MOUNT JACK

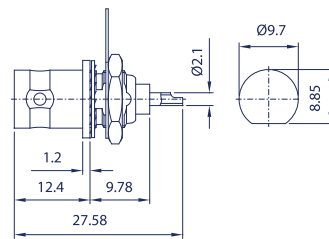
Model No.	Cable Group	Impedance
FL70J5-NS502	N/A	50
FL70J5-NS702	N/A	75



END LAUNCH JACK

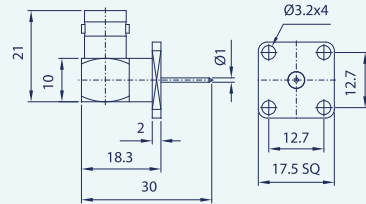
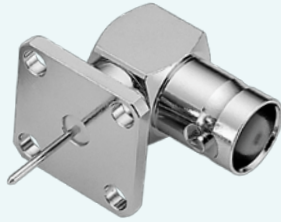
Model No.	Cable Group	Impedance
FL70J7-LS502	N/A	50
FL70J7-LS702	N/A	75

56



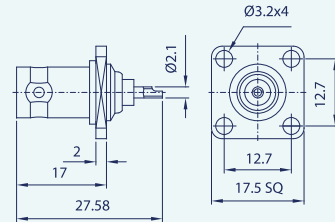
BULKHEAD RECEPT JACK

Model No.	Cable Group	Impedance
FL70J9-AS501	N/A	50
FL70J9-AS701	N/A	75



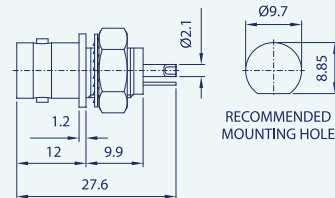
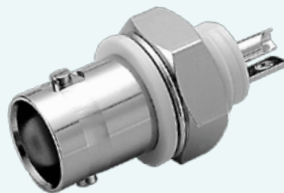
R/A PANEL JACK

Model No.	Cable Group	Impedance
FL70J9-FR502	N/A	50
FL70J9-FR702	N/A	75



PANEL RECEPT JACK

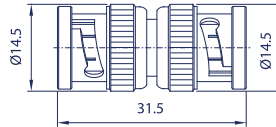
Model No.	Cable Group	Impedance
FL70J9-FS501	N/A	50
FL70J9-FS701	N/A	75



ISOLATED BULKHEAD RECEPT JACK

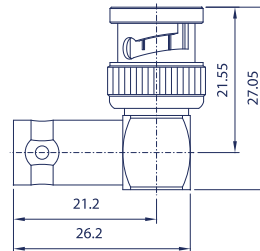
Model No.	Cable Group	Impedance
FL70J9-YS501	N/A	50
FL70J9-YS701	N/A	75

BNC series



PLUG TO PLUG ADAPTOR

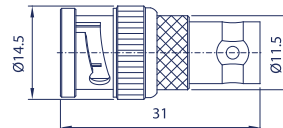
Model No.	Cable Group	Impedance
FL70B8-NS5	N/A	50
FL70B8-NS7	N/A	75



R/A JACK TO PLUG ADAPTOR

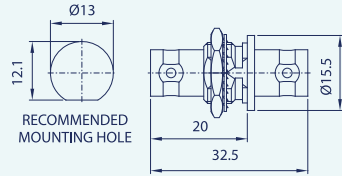
Model No.	Cable Group	Impedance
FL70E8-NR5	N/A	50
FL70E8-NR7	N/A	75

58



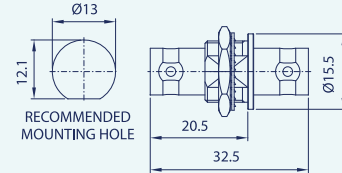
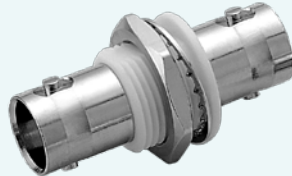
PLUG TO JACK ADAPTOR

Model No.	Cable Group	Impedance
FL70E8-NS5	N/A	50
FL70E8-NS7	N/A	75



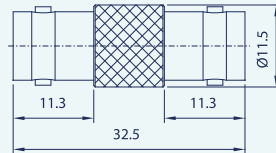
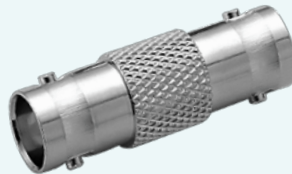
BULKHEAD JACK TO JACK ADAPTOR

Model No.	Cable Group	Impedance
FL70G8-AS5	N/A	50
FL70G8-AS7	N/A	75



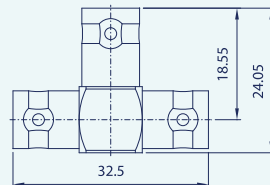
ISOLATED BULKHEAD JACK TO JACK ADAPTOR

Model No.	Cable Group	Impedance
FL70G8-YS5	N/A	50
FL70G8-YS7	N/A	75



JACK TO JACK ADAPTOR

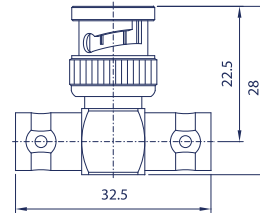
Model No.	Cable Group	Impedance
FL70G8-NS5	N/A	50
FL70G8-NS7	N/A	75



T- ANGLE JACK-JACK-JACK ADAPTOR

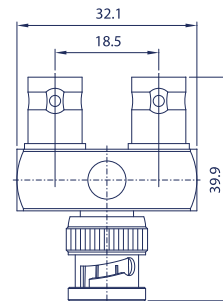
Model No.	Cable Group	Impedance
FL70H8-NT5	N/A	50
FL70H8-NT7	N/A	75

BNC series



T- ANGLE JACK-PLUG-JACK ADAPTOR

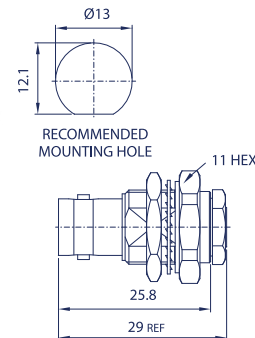
Model No.	Cable Group	Impedance
FL70K8-NT5	N/A	50
FL70K8-NT7	N/A	75



"Y" LINK JACK-PLUG-JACK ADAPTOR

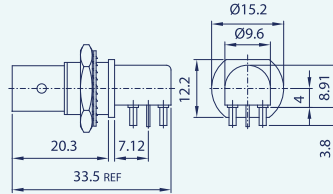
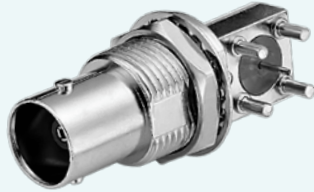
Model No.	Cable Group	Impedance
FL70K8-NY5	N/A	50
FL70K8-NY7	N/A	75

60



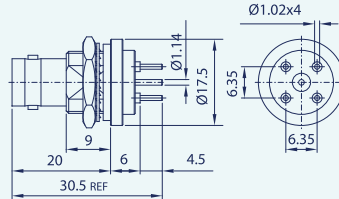
BULKHEAD CLAMP JACK

Model No.	Cable Group	Impedance
FL70J4-DS7	N/A	75



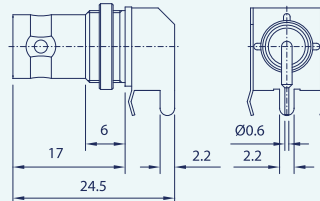
R/A PCB MOUNT JACK

Model No.	Cable Group	Impedance
FL70J5-BR702	N/A	75



BULKHEAD PCB MOUNT JACK

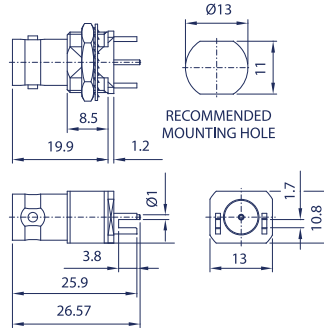
Model No.	Cable Group	Impedance
FL70J5-DS502	N/A	50



R/A PCB MOUNT JACK

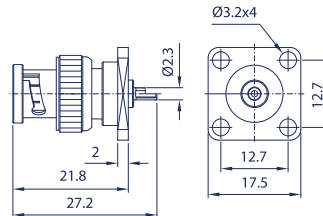
Model No.	Cable Group	Impedance
FL70J5-NR702BF002	N/A	75

BNC series



SMT END LAUNCH JACK

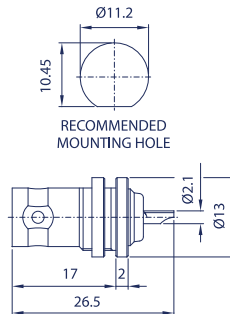
Model No.	Cable Group	Impedance
FL70J7-LS702	N/A	75



PANEL PLUG

Model No.	Cable Group	Impedance
FL70P9-FS501	N/A	50
FL70P9-FS701	N/A	75

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BULKHEAD RECEPT JACK

Model No.	Cable Group	Impedance
FL70J9-BS501	N/A	50
FL70J9-BS701	N/A	75

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

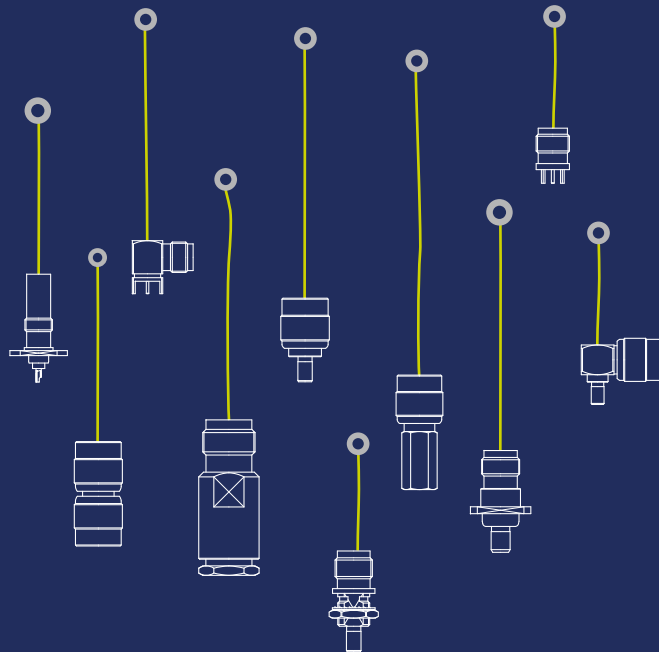


TNC series

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

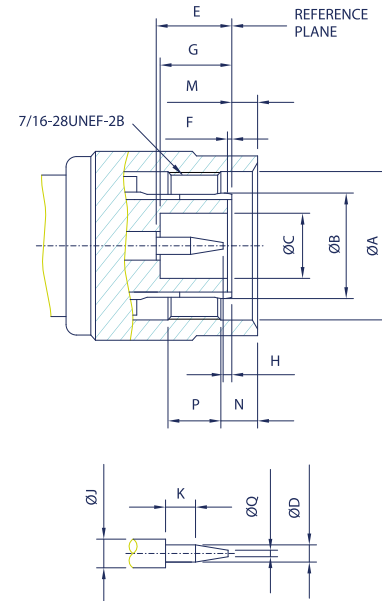
They are dimensionally and electrically similar to the BNC series, and are especially suitable for use in vibration-exposed equipment such as commercial and military radio telecommunication systems, as well as avionic equipment where a highly durable coupling is needed.

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

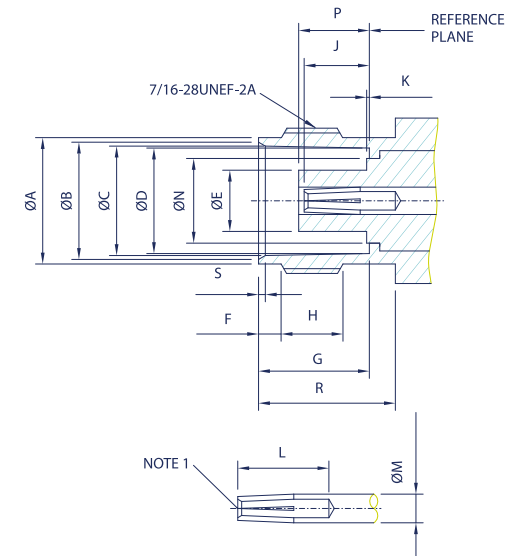


INTERFACE MATING DIMENSIONS

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 /

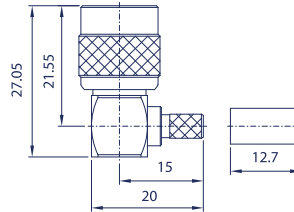
Parts Name	Material	Finish
Body, Metal Parts	Brass per QQ-B-626	Nickel 70 micro-inches
Center Contacts	Male: Brass per QQ-B-626	Gold 3 micro-inches
	Female: Phosphor Bronze per QQ-B-750	Gold 3 micro-inches
Insulators	Teflon, Delrin	None
Crimp Ferrules	Annealed Brass	Nickel 70 micro-inches
Clamp Gaskets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

NOTE: Other Material / Finish is Available on Request.

Mechanical & Environmental /

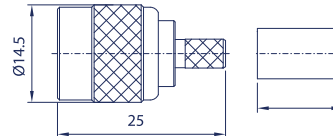
Engagement Force	2 in-lbs. Max.
Disengagement Force	2 lbs. Max.
Coupling Nut Retention	100 lbs. Min.
Coupling Proof Torque	15 in-lbs. Min.
Contact Retention	6 lbs. Min.
Durability (Mating)	500 cycles Min. (For beryllium copper female contact only)
Temperature Range	-65°C to 165°C
Vibration	MIL-STD-202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



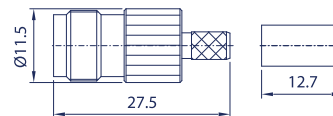
R/A CRIMP PLUG

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

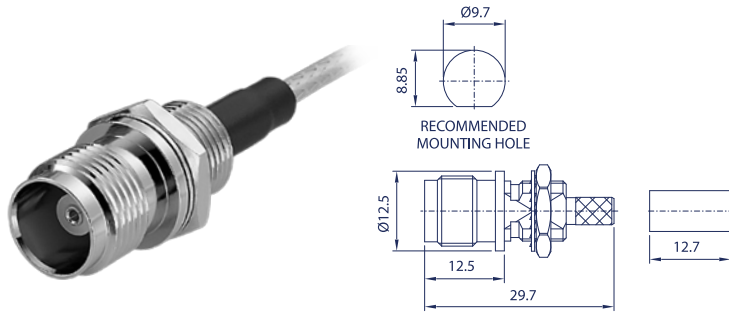
Model No.	Cable Group	Impedance
FL74P1-NS5	RG-58U, 58C/U RG-142A/U, 223/U, 400/U RG-174/U, 188A/U, 316/U RG-316/U DOUBLE BRAID	50
FL74P1-NS7	RG-59/U RG-179/U, 187A/U	75



CRIMP JACK

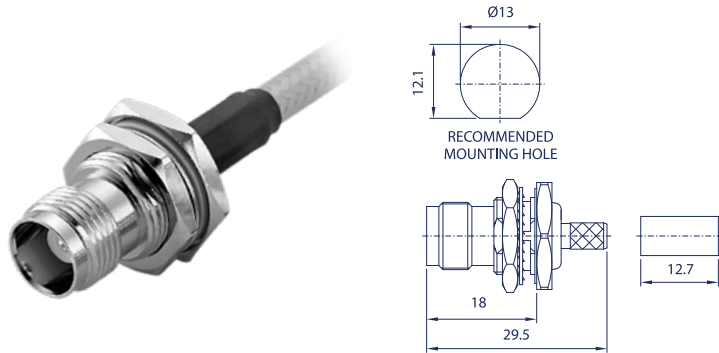
Model No.	Cable Group	Impedance
FL74J1-NS5	RG-58U, 58C/U RG-142A/U, 223/U, 400/U RG-174/U, 188A/U, 316/U	50
FL74J1-NS7	RG-59/U RG-179/U, 187A/U	75





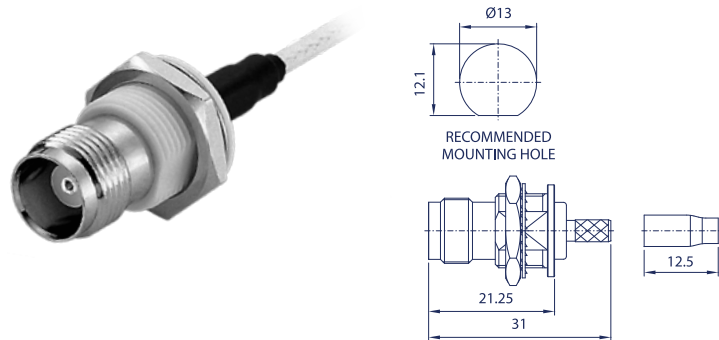
BULKHEAD CRIMP JACK

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

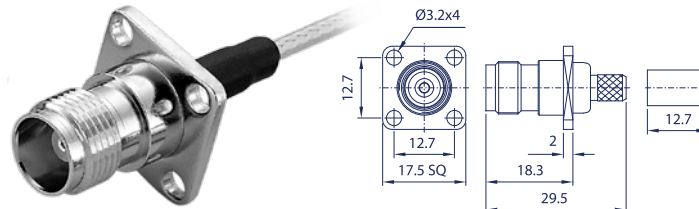
Model No.	Cable Group	Impedance
FL74J1-DS5	RG-58U, 58C/U RG-142A/U, 223/U, 400/U RG-174/U, 188A/U, 316/U RG-316/U DOUBLE BRAID	50
FL74J1-DS7	RG-59/U RG-179/U, 187A/U	75



ISOLATED BULKHEAD CRIMP JACK

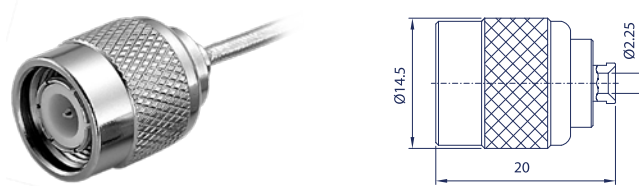
Model No.	Cable Group	Impedance
FL74J1-ZS5	RG-174/U, 188A/U, 316/U RG-316/U DOUBLE BRAID	50
FL74J1-ZS7	RG-179/U, 187A/U	75

TNC series



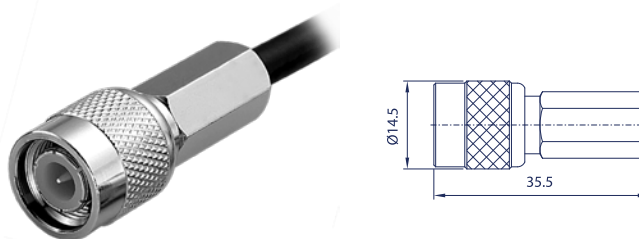
PANEL CRIMP JACK

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

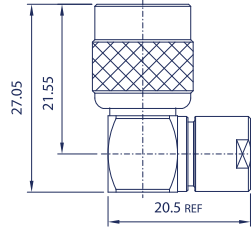
Model No.	Cable Group	Impedance
FL74P2-NS5	.085", .086"	50



TWIST ON PLUG

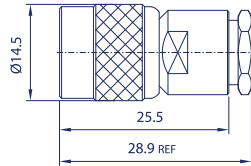
Model No.	Cable Group	Impedance
FL74P3-NS5	RG-58/U, 58C/U	50
FL74P3-NS7	RG-59/U RG-6/U, B9248	75





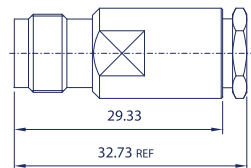
R/A CLAMP PLUG

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



CLAMP PLUG

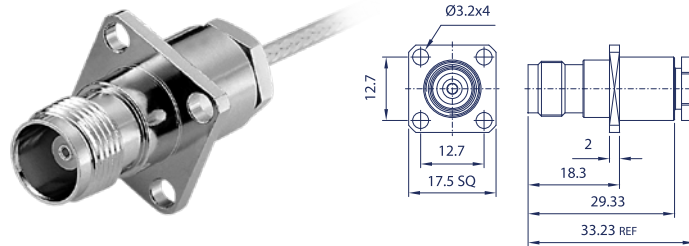
Model No.	Cable Group	Impedance
FL74P4-NS5	RG-58/U, 58C/U RG-174/U, 188A/U, 316/U RG-214/U, B8268	50
FL74P4-NS7	RG-179/U, 187A/U	75



CLAMP JACK

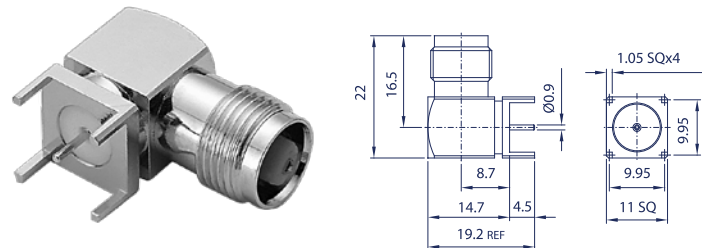
Model No.	Cable Group	Impedance
FL74J4-NS5	RG-58/U, 58C/U RG-142A/U, 223/U, 400/U RG-174/U, 188A/U, 316/U RG-214/U, B8268	50
FL74J4-NS7	RG-179/U, 187A/U	75

TNC series



PANEL CLAMP JACK

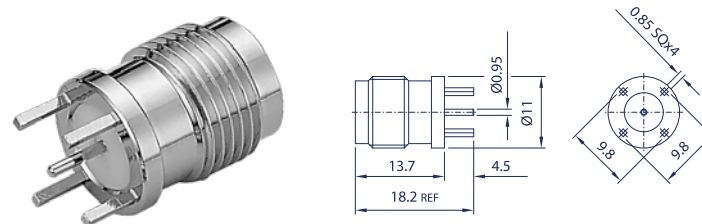
Model No.	Cable Group	Impedance
FL74J4-F55	RG-58U, 58C/U RG-142A/U, 223/U, 400/U RG-174/U, 188A/U, 316/U	50
FL74J4-F57	RG-179/U, 187A/U	75



R/A PCB MOUNT JACK

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

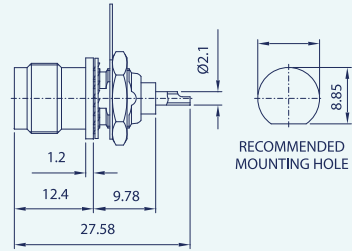
70



PCB MOUNT JACK

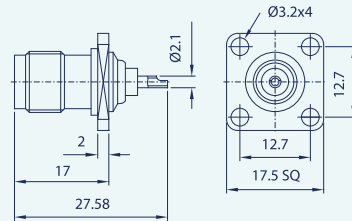
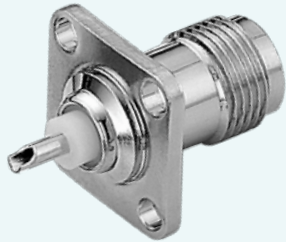
Model No.	Cable Group	Impedance
FL74J5-NS502	N/A	50
FL74J5-NS702	N/A	75





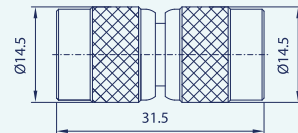
BULKHEAD RECEPT JACK

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

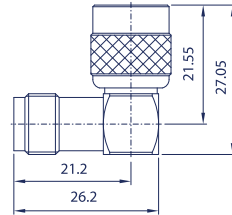


PLUG TO PLUG ADAPTOR

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

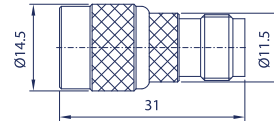
TNC

series



R/A PLUG TO JACK ADAPTOR

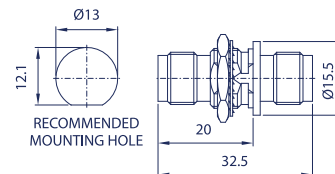
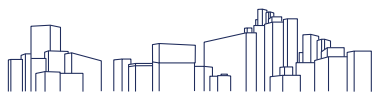
Model No.	Cable Group	Impedance
FL74E8-NR5	N/A	50
FL74E8-NR7	N/A	75



PLUG TO JACK ADAPTOR

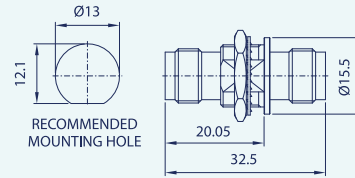
Model No.	Cable Group	Impedance
FL74E8-NS5	N/A	50
FL74E8-NS7	N/A	75

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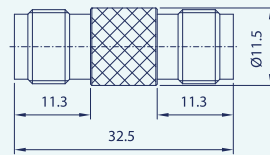
BULKHEAD JACK TO JACK ADAPTOR

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



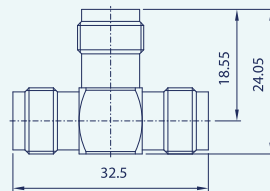
ISOLATED BULKHEAD JACK TO JACK ADAPTOR

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

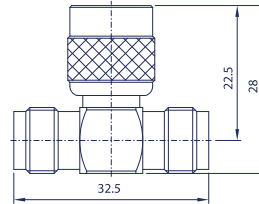


T- ANGLE JACK-JACK-JACK ADAPTOR

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

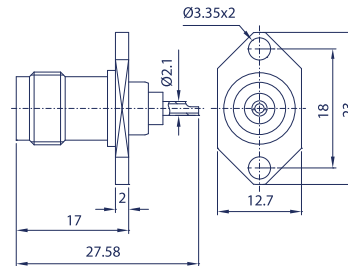
TNC

series



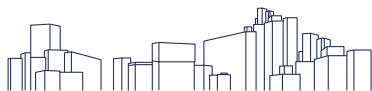
T- ANGLE JACK-PLUG-JACK ADAPTOR

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



F

CONNECTOR SERIES

SPECIFICATIONS

CONTENT:

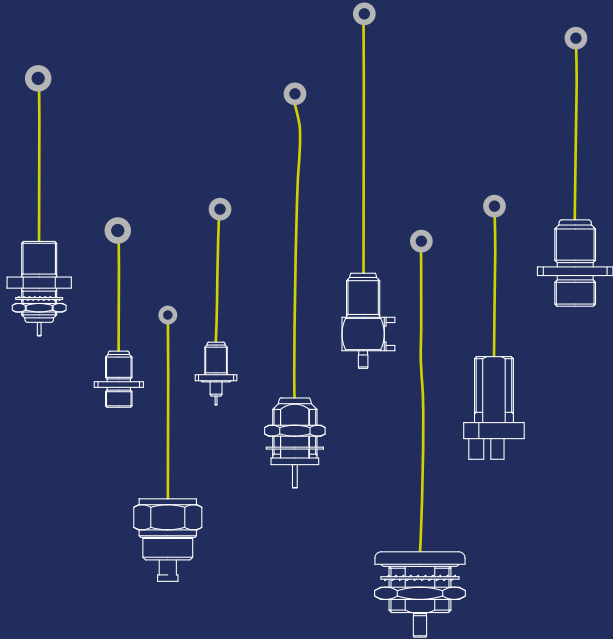
- R/A Crimp Plug
- Crimp Plug
- R/A PCB Mount Jack
- Bulkhead Recept Jack
- Panel Recept Jack
- Panel Jack To Bulkhead Jack Adaptor
- Bulkhead Crimp Plug
- Direct Solder Plug
- PCB Mount Crimp Jack
- End Launch Jack

Bridging Gaps



F series

F series are economically priced connectors specially designed for use with NTSC TV ANTENNA and other similar applications. Countries using the NTSC System include: The Bahama Islands, Canada, America, Japan, Korea, Mexico, Taiwan, the Philippines, and the U.S.A.



SPECIFICATIONS

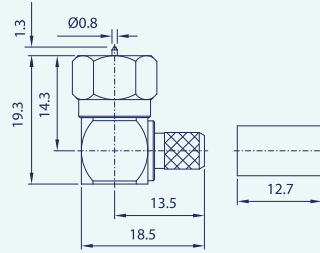
Electrical /

Impedance	75 Ohm	
Frequency Range	0 - 2 GHz	
Working Voltage	250 VRMS Max.	
Dielectric Withstanding Voltage	500 VRMS Min.	
VSWR	1.35 Max.	
Contact Resistance	Center Contact	5 Milliohms Max.
	Outer Contact	2 Milliohms Max.
Insulator Resistance	1000 Megohms Min.	

Material /

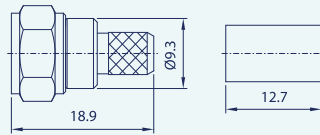
Parts Name	Material	Finish
Body, Metal Parts	Plug: Brass per QQ-B-626	Nickel 70 micro-inches
Center Contacts	Male: Brass per QQ-B-626	Gold 3 micro-inches
	Female: Phosphor Bronze per QQ-B-750	Gold 3 micro-inches
Insulators	Teflon, Delrin	None
Crimp Ferrules	Annealed Brass	Nickel 70 micro-inches
Clamp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

NOTE: Other Material / Finish is Available on Request.



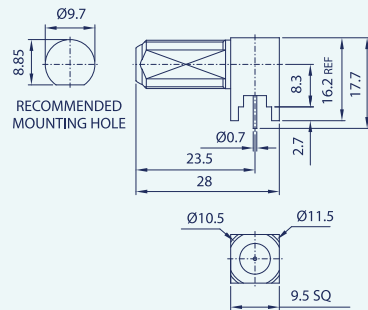
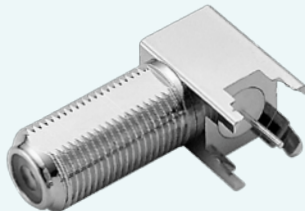
R/A CRIMP PLUG

Model No.	Cable Group	Impedance
FL72P1-NR7	RG- 59/U RG- 179/U, 187A/U	75



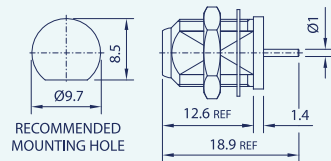
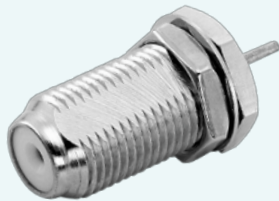
CRIMP PLUG

Model No.	Cable Group	Impedance
FL72P1-NS7	RG- 59/U RG- 179/U, 187A/U	75



R/A PCB MOUNT JACK

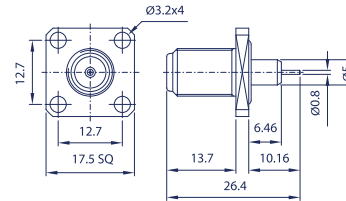
Model No.	Cable Group	Impedance
FL72J5-NR702	N/A	75



BULKHEAD RECEPT JACK

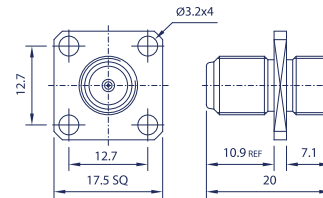
Model No.	Cable Group	Impedance
FL72J9-BS702	N/A	75

F series



PANEL RECEPT JACK

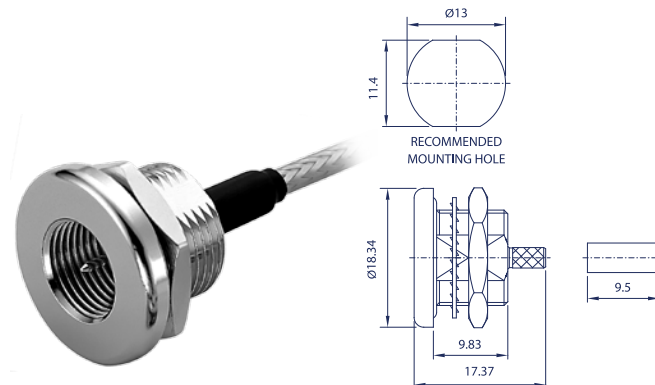
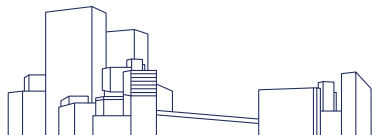
Model No.	Cable Group	Impedance
FL72J9-HS707	N/A	75



PANEL JACK TO BULKHEAD JACK ADAPTOR

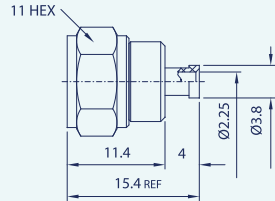
Model No.	Cable Group	Impedance
FL72G8-FS7	N/A	75

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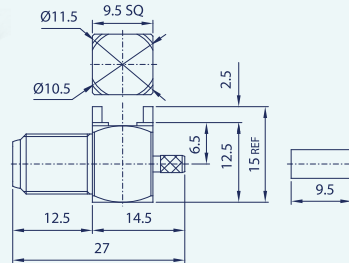
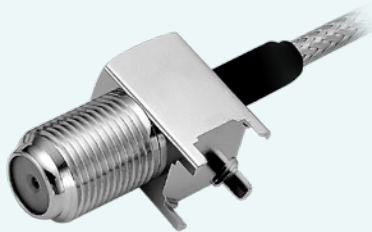
BULKHEAD CRIMP PLUG

Model No.	Cable Group	Impedance
FL72P1-CS7	N/A	75



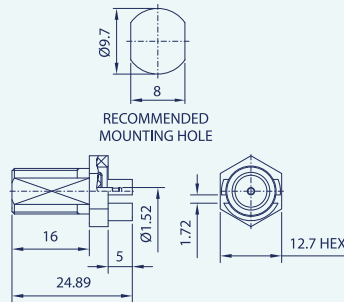
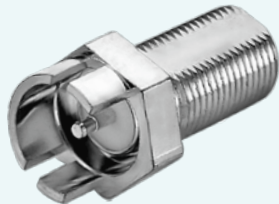
DIRECT SOLDER PLUG

Model No.	Cable Group	Impedance
FL72P2-NS7	N/A	75



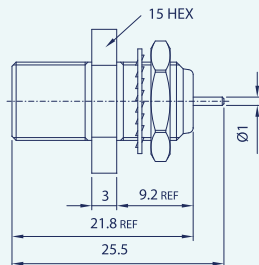
PCB MOUNT CRIMP JACK

Model No.	Cable Group	Impedance
FL72J1-BR7	RG-179U/D	75



END LAUNCH JACK

Model No.	Cable Group	Impedance
FL72J7-BS700	N/A	75



BULKHEAD RECEPT JACK

Model No.	Cable Group	Impedance
FL72J9-CS702	N/A	75



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