

1. General Data

Moisture-proof, splash-proof.
Non-corrosive.
Metal parts silver-plated and passivated.
Insulation: Teflon (P.T.F.E.).
Seals: silicone rubber.
Spring Contacts: beryllium bronze.
Centre Contacts: loose or captive.
Centre Contacts of crimp versions are protected against any axial movement (patent applied for).

Impedance

50 ohms and 75 ohms
50 ohms and 75 ohms connectors can be physically mated, where impedance-matching is not important.

Frequency Range:

with cable-entry construction type 1:
up to 4000 Mc/s
with cable-entry construction type 2:
up to 10000 Mc/s
with crimp version:
up to 10000 Mc/s

Operating Voltage: 1 kV max.
for higher voltages see series 'H2'

Temperature Limit: 480°F/250°C

Cable-Entry Sizes: .079"445" dia.
(2,0...11,3 mm)

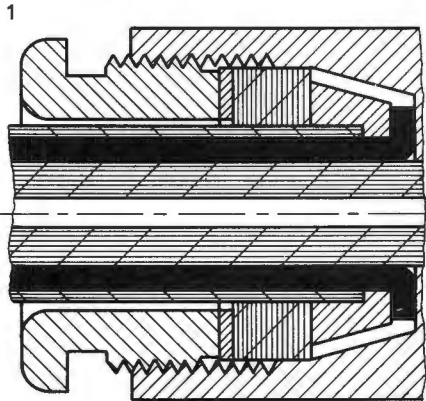
2. Suitable Cables

Cable types Examples	Dielectric dia. inches	Screen number	Screen dia. inches	Sheath max. dia. inches	Suitable types 'TNC' connectors
RG-178 B/U, RG-196 A/U UR 94 G 01232-1, ...-2 G 01122, -1, ... K 01222, K 01232 K 01292	.034 (0,87 mm)	1	.055 (1,4 mm)	.087 (2,2 mm)	...TNC-50-1-...
RG-174/U, RG-179 B/U RG-187 A/U, RG-188 A/U RG-316/U UR 95 G 02232, -1, ... G 02233, K 02222 K 02223, K 02239/100 K 02292, K 02293 96 IEC-50-2-1	.059 (1,5 mm)	1	.079 (2,0 mm)	.118 (3,0 mm)	...TNC-50-2-...
RG-58 C/U, RG-141 A/U RG-142 A/U UR 72, UR 76 G 03232, -1, ... G 03233, -1, ... 96 IEC-50-3-1	.116 (2,95 mm)	1	.173 (4,4 mm) max.	.209 (5,3 mm)	...TNC-50-3-... ...TNC-75-3-...
RG-4/U, RG-55 A/U RG-223/U G 03232d, G 03233d 96 IEC-50-3-5	.116 (2,95 mm)	2	.165 (4,2 mm)	.236 (6,0 mm)	...TNC-50-3-...
RG-141 A/U-1 RG-303/U	.116 (2,95 mm)	1	.142 (3,6 mm)	.181 (4,6 mm)	...TNC-50-3-...
RG-59 B/U, RG-62 A/U RG-140/U, RG-210/U RG-302/U UR 90 G 04233-, ... K 04233 96 IEC-75-4-1	.146 (3,7 mm)	1	.177 (4,5 mm)	.252 (6,4 mm)	...TNC-50-4-... ...TNC-75-4-...
RG-71 B/U G 04233d, -1, ... 96 IEC-75-4-2	.146 (3,7 mm)	2	.205 (5,2 mm)	.272 (6,9 mm)	...TNC-50-4-...
RG-5 B/U, RG-6 A/U RG-143 A/U, RG-212/U RG-222/U, RG-304/U	.185 (4,7 mm)	2	.244 (6,2 mm)	.339 (8,6 mm)	...TNC-50-5-...
RG-11 A/U, RG-12 A/U RG-63 B/U, RG-79 B/U RG-144 A/U, RG-133 A/U RG-144/U, RG-149/U RG-150/U, RG-165/U RG-166/U, RG-213/U RG-215/U, RG-225/U-1 UR 57, UR 67 96 IEC-50-7-1 96 IEC-75-7-1	.285 (7,25 mm)	1	.319 (8,1 mm)	.425 (10,8 mm)	...TNC-50-7-...
RG-214/U, RG-216/U RG-225/U, RG-227/U 96 IEC-50-7-3 96 IEC-75-7-3	.285 (7,25 mm)	2	.343 (8,7 mm)	.445 (11,3 mm)	...TNC-50-7-...

3. Cable-Entry Constructions

Type 1

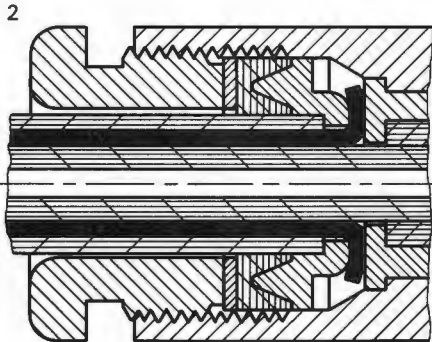
Type 1 construction is a sealed cable-entry unit with silicone rubber gasket. A clamp presses the cable screen over the gasket against the connector body (illustration 1). This version can neither be modified to the FUK/GUK cable-entry constructions nor FK armour-clamp stated below.



Cable-Entry Construction type 1

Type 2

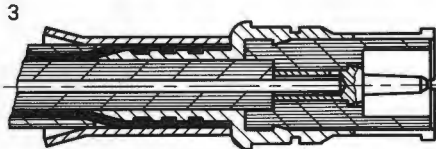
The standard execution ensures a reliable and non-ageing clamping of the cable. When fitting the cable-entry nut, the V-groove silicone rubber gasket is split by a clamp and is pressed laterally against the cable jacket and the connector body. This ensures a permanent moisture- and splash-proof seal (illustration 2). Some connector types have a cylindrical gasket. They are clearly marked in the catalog lists.



Cable-Entry Construction type 2

Crimp Version

The correct crimping tool crimps the cable screen between the connector body and a separate outer ferrule. The same tool (see 4.) also crimps the contact pin to the inner conductor of the cable. The inner contact is protected against any axial movement (patent applied for). Considerable time-saving compared with conventional assemblies. (Approx. 50%, if crimped according to our instructions).



Crimp Version

FUK/GUK Cable-Entry Constructions

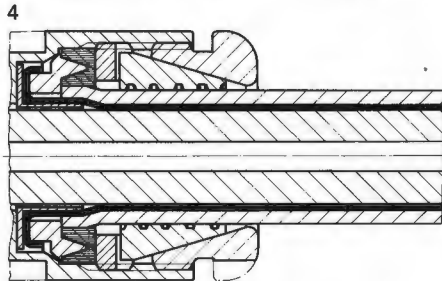
These particularly robust, tear-proof and twist-proof cable-entry constructions can be fitted to all connector bodies of type 2.

The following FUK/GUK types are available:

Type	FUK 0350	FUK 0358	FUK 0461	FUK 0467	GUK 07103	GUK 07108
Screen	single	double	single	double	single	double
Dia. over dielectric	.116" (2,95 mm)	.116" (2,95 mm)	.146" (3,7 mm)	.146" (3,7 mm)	.285" (7,25 mm)	.285" (7,25 mm)
O.D. of cable	.197" (5,0 mm)	.228" (5,8 mm)	.240" (6,1 mm)	.264" (6,7 mm)	.405" (10,3 mm)	.425" (10,8 mm)
Cable examples	RG-58 C/U	RG-223/U	RG-59 B/U	G 04233d	RG-213/U	RG-214/U

Example of ordering a plug with tear-proof cable-entry construction, with captive contact pin, for the 50 ohms cable type RG-58 C/U:
11TNC-50-3-2C/FUK 0350

Suitable tools are available for the assembly of FUK/GUK cable-entry constructions (see 4.).



Cable-Entry Construction with FUK



Assembly of FUK Cable-Entry Construction

FK Armour-Clamp

The FK armour-clamp permits a neat and functional fitting of 'TNC' connectors to armoured cables. The FK armour-clamp can be fitted to all connector bodies of type 2 (illustration 6).

The following FK armour-clamps are available:

FK 50 for armoured cable,
dia. over sheath .197" (5,0 mm) (G 03243)

FK 61 for armoured cable,
dia. over sheath .240" (6,1 mm) (G 04243)

6



11TNC-75-4-2 with FK 61

7



Crimp Tool for crimp connectors



Table Press for crimp connectors

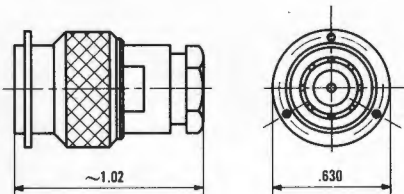
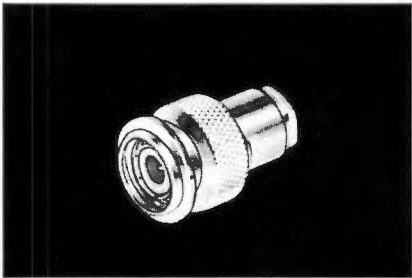
4. Tools

		Type number
Open-ended spanner	$\frac{3}{8}$ " for cable-entry construction type 1, material thickness .117" (3 mm)	74 Z-0-0-1
Open-ended spanner	.433"/11 mm for cable-entry construction type 2, material thickness .117" (3 mm)	74 Z-0-0-2
Open-ended spanner	.630"/16 mm for cable-entry construction type 2, material thickness .158" (4 mm) for connectors ...TNC-50-7-...	74 Z-0-0-3
Special tool	for FUK (illustration 5)	74 Z-0-0-4
Special tool	for GUK (illustration 5)	74 Z-0-0-5
Crimp tool	for crimp connectors, cable of .197" (5,0 mm) dia., die marking 2B, with fixed crimp dies	75 Z-0-3-1
Crimp tool	for crimp connectors, cable of .240" (6,1 mm) dia., die marking 2C, with fixed crimp dies	75 Z-0-4-1
Crimp tool	for crimp connectors, crimp dies interchangeable (without dies)	75 Z-0-0-1
Table press	for crimp connectors, crimp dies interchangeable (without dies)	75 Z-0-0-2
Crimp dies	suitable for crimp tool 75 Z-0-0-1 and for table press 75 Z-0-0-2 for inner conductor and screen	
	for cable .197" (5,0 mm) dia., die marking 2B	76 Z-0-3-1
	for cable .240" (6,1 mm) dia., die marking 2C	76 Z-0-4-1

Additional dies are in preparation

Plug 50 Ω

cable entry construction type 1



Suhner Type	US-MIL-Type	NATO Type equivalent	centre contact	pressur- ized	cable				assembly instruction number	notes
					dia. max. in	dielectric dia. in	screen	example		
11TNC-50-3-1			loose		.209	.116	1	RG-58 C/U G 03233	3023	
11TNC-50-4-1			loose		.252	.146	1	RG-59 B/U	3023	

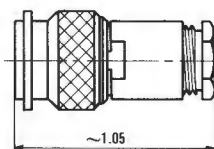
Plug 75 Ω

cable entry construction type 1

Suhner Type	US-MIL-Type	NATO Type equivalent	centre contact	pressur- ized	cable				assembly instruction number	notes
					dia. max. in	dielectric dia. in	screen	example		
11TNC-75-3-1			loose		.209	.116	1	G 03233	3023	
11TNC-75-4-1			loose		.252	.146	1	RG-59 B/U	3023	

Plug 50 Ω

cable entry construction type 2



Suhner Type	US-MIL-Type	NATO Type equivalent	centre contact	pressurized	cable				assembly instruction number	notes
					dia. max. in	dielectric dia. in	screen	example		
11TNC-50-1-2C			captive		.087	.034	1	RG-196 A/U	3005	with cylindrical gasket
11TNC-50-2-1C			captive		.118	.060	1	RG-188 A/U	3005	
11TNC-50-3-2C			captive		.209	.116	1	RG-58 C/U or	3005	
11TNC-50-3-3			loose		.209	.116	1	G 03233	3004	
11TNC-50-3-5C			captive		.236	.116	2	RG-223/U or	3005	
11TNC-50-3-6			loose		.236	.116	2	G 03233d	3004	
11TNC-50-3-7C			captive		.181	.116	1	RG-141 A/U-1	3005	with cylindrical gasket
11TNC-50-3-11C			captive		.209	.116	1	G 03233 HH low noise	3005	oil proof
11TNC-50-4-2C			captive		.252	.146	1	RG-59 B/U	3005	
11TNC-50-4-3			loose		.252	.146	1	RG-59 B/U	3004	
11TNC-50-4-5C			captive		.272	.146	2	G 04233d	3005	
11TNC-50-4-6			loose		.272	.146	2	G 04233d	3004	
11TNC-50-5-2			loose		.338	.189	2	RG-222 A/U	3004	with cylindrical gasket
11TNC-50-7-1C			captive		.425	.285	1	RG-213/U	3008	
11TNC-50-7-2C			captive		.425	.285	2	RG-214/U	3008	

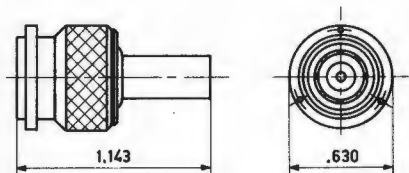
Plug 75 Ω

cable entry construction type 2

Suhner Type	US-MIL-Type	NATO Type equivalent	centre contact	pressurized	cable				assembly instruction number	notes
					dia. max. in	dielectric dia. in	screen	example		
11TNC-75-3-2C			captive		.209	.116	1	G 03233	3005	
11TNC-75-3-3			loose		.209	.116	1	G 03233	3004	
11TNC-75-4-2C			captive		.252	.146	1	RG-59 B/U	3005	
11TNC-75-4-3			loose		.252	.146	1	RG-59 B/U	3004	

Plug 50 Ω

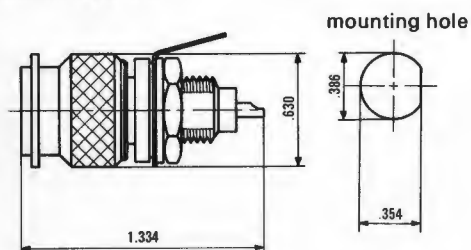
in crimp version
mechanically matched for cables 75 Ω



Also available with heat-shrinkable PVC tubing

Suhner Type	US-MIL-Type	NATO Type equivalent	centre contact	pressurized	cable				assembly instruction number	notes	die marking
					dia. max. in	dielectric dia. in	screen	example		tools	
11TNC-50-3-9			loose		.209	.116	1	RG-58 C/U (50 Ω)	3015	75 Z-0-3-1 76 Z-0-3-1	2B
11TNC-50-3-13			loose		.209	.116	1	G 03233 (75 Ω)	3015		
11TNC-50-4-7			loose		.252	.146	1	RG-59 B/U (75 Ω)	3015	75 Z-0-4-1 76 Z-0-4-1	2C

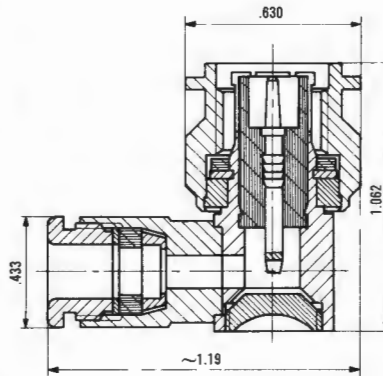
Bulkhead Male Receptacle 50 Ω



Suhner Type	US-MIL-Type	NATO Type equivalent	centre contact	pressurized	cable				assembly instruction number	notes
					dia. max. in	dielectric dia. in	screen	example		
12TNC-50-0-1				yes						panel thickness max. .138"
12TNC-50-0-2				yes						for insulating mounting panel thickness max. .079"
72Z-0-0-1										1-ended grounding lug
72Z-0-0-2										2-ended grounding lug see illustration 27TNC-50-0-1

Angle Plug 50 Ω

cable entry construction type 1
partly air-insulated



Suhner Type	US-MIL-Type	NATO Type equivalent	centre contact	pressur- ized	cable				assembly instruction number	notes
					dia. max. in	dielectric dia. in	screen	example		
16TNC-50-3-1C			captive		.209	.116	1	RG-58 C/U G 03233	3006	
16TNC-50-4-1C			captive		.252	.146	1	RG-59 B/U	3006	

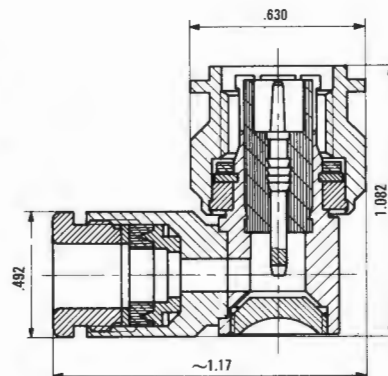
Angle Plug 75 Ω

cable entry construction type 1
partly air-insulated

Suhner Type	US-MIL-Type	NATO Type equivalent	centre contact	pressur- ized	cable				assembly instruction number	notes
					dia. max. in	dielectric dia. in	screen	example		
16TNC-75-3-1			captive		.209	.116	1	G 03233	3006	
16TNC-75-4-1			captive		.252	.146	1	RG-59 B/U	3006	

Angle Plug 50 Ω

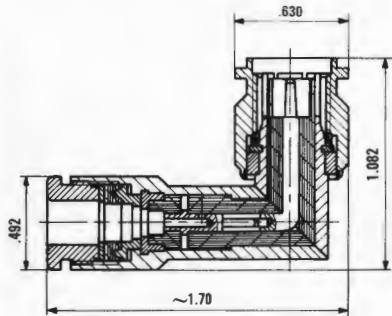
cable entry construction type 2
partly air-insulated



Suhner Type	US-MIL-Type	NATO Type equivalent	centre contact	pressur- ized	cable				assembly instruction number	notes
					dia. max. in	dielectric dia. in	screen	example		
16TNC-50-3-2C			captive		.209	.116	1	RG-58 C/U G 03233	3024	
16TNC-50-4-2C			captive		.252	.146	1	RG-59 B/U	3024	

Angle Plug 50 Ω

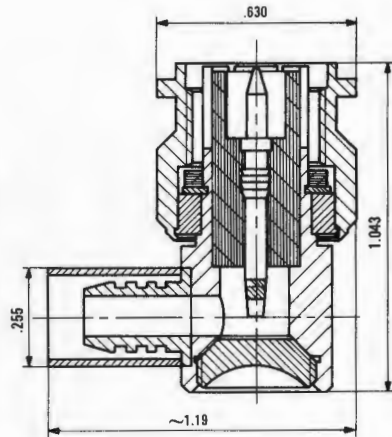
cable entry construction type 2
fully teflon-insulated



Suhner Type	US-MIL-Type	NATO Type equivalent	centre contact	pressur- ized	cable				assembly instruction number	notes
					dia. max. in	dielectric dia. in	screen	example		
16TNC-50-3-3C			captive		.209	.116	1	RG-58 C/U or	3005	
16TNC-50-3-4			loose		.209	.116	1	G 03233	3004	
16TNC-50-4-3C			captive		.252	.146	1	RG-59 B/U	3005	
16TNC-50-4-4			loose		.252	.146	1	RG-59 B/U	3004	

Angle Plug 50 Ω

in crimp version
mechanically matched for cables 75 Ω

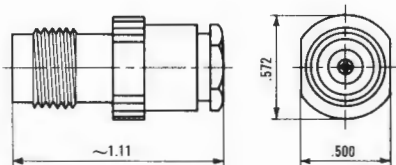


Also available with heat-shrinkable PVC tubing

Suhner Type	US-MIL-Type	NATO Type equivalent	centre contact	pressur- ized	cable				assembly instruction number	notes	die marking
					dia. max. in	dielectric dia. in	screen	example			
16TNC-50-3-9C			captive		.209	.116	1	RG-58 C/U G 03233	3015	75 Z-0-3-1 76 Z-0-3-1	B
16TNC-50-4-8C			captive		.252	.146	1	RG-59 B/U	3015	75 Z-0-4-1 76 Z-0-4-1	C

Jack 50 Ω

cable entry construction type 1



Suhner Type	US-MIL-Type	NATO Type equivalent	centre contact	pressurized	cable				assembly instruction number	notes
					dia. max. in	dielectric dia. in	screen	example		
21TNC-50-3-1			loose		.209	.116	1	RG-58 C/U G 03233	3023	
21TNC-50-4-1			loose		.252	.146	1	RG-59 B/U	3023	

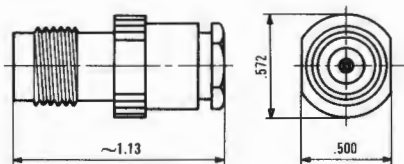
Jack 75 Ω

cable entry construction type 1

Suhner Type	US-MIL-Type	NATO Type equivalent	centre contact	pressurized	cable				assembly instruction number	notes
					dia. max. in	dielectric dia. in	screen	example		
21TNC-75-3-1			loose		.209	.116	1	G 03233	3023	
21TNC-75-4-1			loose		.252	.146	1	RG-59 B/U	3023	

Jack 50 Ω

cable entry construction type 2



Suhner Type	US-MIL-Type	NATO Type equivalent	centre contact	pressurized	cable				assembly instruction number	notes
					dia. max. in	dielectric dia. in	screen	example		
21TNC-50-1-1C			captive		.087	.034	1	RG-196 A/U	3005	with cylindrical gasket
21TNC-50-2-2C			captive		.118	.060	1	RG-188 A/U	3005	
21TNC-50-3-2C			captive		.209	.116	1	RG-58 C/U or	3005	
21TNC-50-3-3			loose		.209	.116	1	G 03233	3004	
21TNC-50-4-2C			captive		.252	.146	1	RG-59 B/U	3005	
21TNC-50-4-3			loose		.252	.146	1	RG-59 B/U	3004	

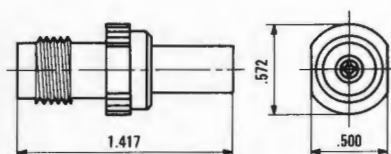
Jack 75 Ω

cable entry construction type 2

Suhner Type	US-MIL-Type	NATO Type equivalent	centre contact	pressur- ized	cable				assembly instruction number	notes
					dia. max. in	dielectric dia. in	screen	example		
21TNC-75-3-2C			captive		.209	.116	1	G 03233	3005	
21TNC-75-3-3			loose		.209	.116	1	G 03233	3004	
21TNC-75-4-2C			captive		.252	.146	1	RG-59 B/U	3005	
21TNC-75-4-3			loose		.252	.146	1	RG-59 B/U	3004	

Jack 50 Ω

in crimp version
mechanically matched for cables 75 Ω



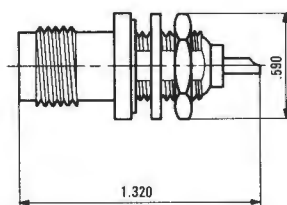
Also available with heat-shrinkable PVC tubing

Suhner Type	US-MIL-Type	NATO Type equivalent	centre contact	pressur- ized	cable				assembly instruction number	notes	die marking
					dia. max. in	dielectric dia. in	screen	example			
21TNC-50-3-7C			captive		.209	.116	1	RG-58 C/U (50 Ω)	3015	75 Z-0-3-1 76 Z-0-3-1	2B
21TNC-50-3-8C			captive		.209	.116	1	G 03233 (75 Ω)	3015		
21TNC-50-4-6C			captive		.252	.146	1	RG-59 B/U (75 Ω)	3015	75 Z-0-4-1 76 Z-0-4-1	2C

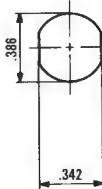
Bulkhead Receptacle 50 Ω



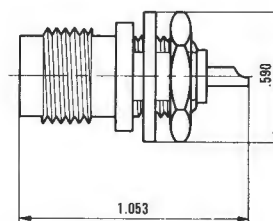
22TNC-50-0-1



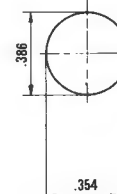
mounting hole



22TNC-50-0-2



mounting hole

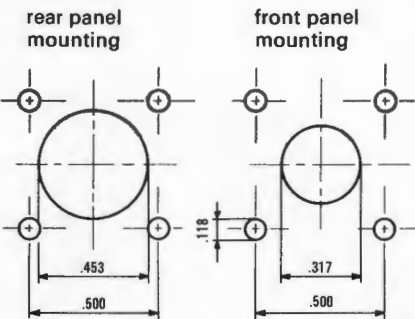
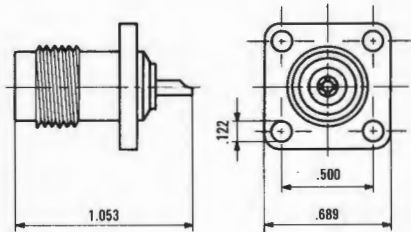


Suhner Type	US-MIL-Type	NATO Type equivalent	centre contact	pressur- ized	cable				assembly instruction number	notes
					dia. max. in	dielectric dia. in	screen	example		
22TNC-50-0-1				yes						panel thickness max. .256"
22TNC-50-0-2										panel thickness max. .059"
22TNC-50-0-4				yes						for insulated mounting panel thickness max. .197" mounting hole .452"
72Z-0-0-1										1-ended grounding lug see illustration 12TNC-50-0-1
72Z-0-0-2										2-ended grounding lug see illustration 27TNC-50-0-1

Bulkhead Receptacle 75 Ω

Suhner Type	US-MIL-Type	NATO Type equivalent	centre contact	pressur- ized	cable				assembly instruction number	notes
					dia. max. in	dielectric dia. in	screen	example		
22TNC-75-0-1				yes						panel thickness max. .256" mounting hole as 22TNC-50-0-1

Panel Receptacle 50 Ω



screws see page TNC.21

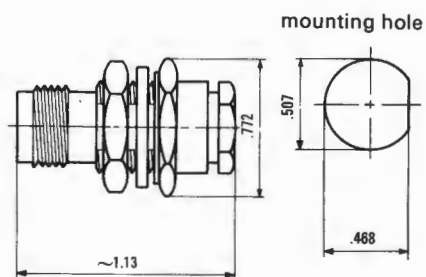
Suhner Type	US-MIL-Type	NATO Type equivalent	centre contact	pressur- ized	cable				assembly instruction number	notes
					dia. max. in	dielectric dia. in	screen	example		
23TNC-50-0-1										4 threaded holes UNF 3-56
23TNC-50-0-2										4 clearance holes .122"dia.

Panel Receptacle 75 Ω

Suhner Type	US-MIL-Type	NATO Type equivalent	centre contact	pressur- ized	cable				assembly instruction number	notes
					dia. max. in	dielectric dia. in	screen	example		
23TNC-75-0-1										4 threaded holes UNF 3-56
23TNC-75-0-2										4 clearance holes .122"dia.

Bulkhead Jack 50 Ω

cable entry construction type 2



Suhner Type	US-MIL-Type	NATO Type equivalent	centre contact	pressur- ized	cable				assembly instruction number	notes
					dia. max. in	dielectric dia. in	screen	example		
24TNC-50-1-1C			captive	yes	.087	.034	1	RG-196 A/U	3005	panel thickness max. .138" with cylindrical gasket
24TNC-50-2-1C			captive	yes	.118	.060	1	RG-188 A/U	3005	
24TNC-50-3-1C			captive	yes	.209	.116	1	RG-58 C/U or	3005	panel thickness max. .138"
24TNC-50-3-2			loose		.209	.116	1	G 03233	3004	
24TNC-50-3-3C			captive	yes	.236	.116	2	RG-223/U or	3005	
24TNC-50-3-4			loose		.236	.116	2	G 03233d	3004	
24TNC-50-4-1C			captive	yes	.252	.146	1	RG-59 B/U	3005	
24TNC-50-4-2			loose		.252	.146	1	RG-59 B/U	3004	

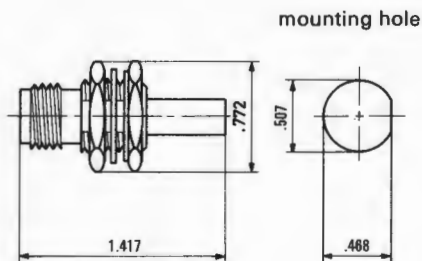
Bulkhead Jack 75 Ω

cable entry construction type 2

Suhner Type	US-MIL-Type	NATO Type equivalent	centre contact	pressur- ized	cable				assembly instruction number	notes
					dia. max. in	dielectric dia. in	screen	example		
24TNC-75-3-1C			captive	yes	.209	.116	1	G 03233	3005	panel thickness max. .138"
24TNC-75-3-2			loose		.209	.116	1	G 03233	3004	
24TNC-75-4-1C			captive	yes	.252	.146	1	RG-59 B/U	3005	
24TNC-75-4-2			loose		.252	.146	1	RG-59 B/U	3004	

Bulkhead Jack

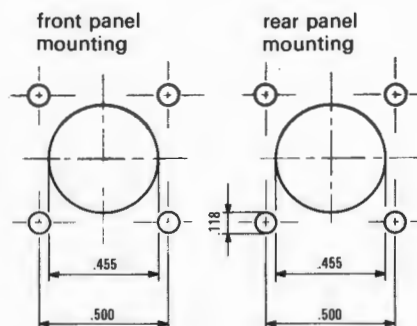
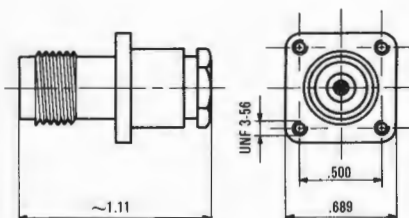
in crimp version
mechanically matched for cables 75 Ω



Suhner Type	US-MIL-Type	NATO Type equivalent	centre contact	pressurized	cable				assembly instruction number	notes
					dia. max. in	dielectric dia. in	screen	example		
24TNC-50-3-6C			captive		.209	.116	1	RG-58 C/U (50 Ω)	3015	tools: 75 Z-0-3-1, 76 Z-0-3-1 die marking 2B panel thickness max. .138"
24TNC-50-3-7C			captive		.209	.116	1	G 03233 (75 Ω)	3015	
24TNC-50-4-5C			captive		.252	.146	1	RG-59 B/U (75 Ω)	3015	tools: 75 Z-0-4-1, 76 Z-0-4-1 die marking 2C panel thickness max. .138"

Panel Jack 50 Ω

cable entry construction type 1



screws see page TNC.21

Suhner Type	US-MIL-Type	NATO Type equivalent	centre contact	pressurized	cable				assembly instruction number	notes
					dia. max. in	dielectric dia. in	screen	example		
25TNC-50-3-1			loose		.209	.116	1	RG-58 C/U or	3023	4 threaded holes UNF 3-56
25TNC-50-3-2			loose		.209	.116	1	G 03233	3023	4 clearance holes .122" dia.
25TNC-50-4-1			loose		.252	.146	1	RG-59 B/U	3023	4 threaded holes UNF 3-56
25TNC-50-4-2			loose		.252	.146	1	RG-59 B/U	3023	4 clearance holes .122" dia.

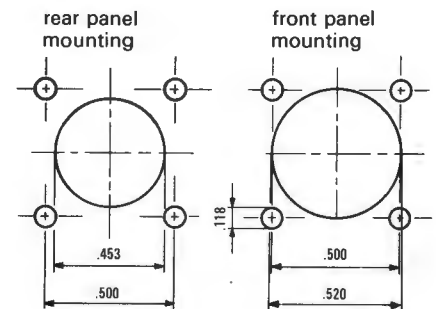
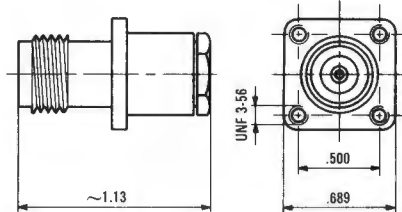
Panel Jack 75 Ω

cable entry construction type 1

Suhner Type	US-MIL-Type	NATO Type equivalent	centre contact	pressur- ized	cable				assembly instruction number	notes
					dia. max. in	dielectric dia. in	screen	example		
25TNC-75-3-1			loose		.209	.116	1	G 03233	3023	4 threaded holes UNF 3-56
25TNC-75-3-2			loose		.209	.116	1	G 03233	3023	4 clearance holes .122" dia.
25TNC-75-4-1			loose		.252	.146	1	RG-59 B/U	3023	4 threaded holes UNF 3-56
25TNC-75-4-2			loose		.252	.146	1	RG-59 B/U	3023	4 clearance holes .122" dia.

Panel Jack 50 Ω

cable entry construction type 2



screws see page TNC.21

Suhner Type	US-MIL-Type	NATO Type equivalent	centre contact	pressur- ized	cable				assembly instruction number	notes
					dia. max. in	dielectric dia. in	screen	example		
25TNC-50-1-1C			captive		.087	.034	1	RG-196 A/U	3005	4 clearance holes .122" dia. with cylindrical gasket
25TNC-50-2-1C			captive		.118	.060	1	RG-188 A/U	3005	
25TNC-50-3-4C			captive		.209	.116	1	RG-58 C/U or	3005	4 clearance holes .122" dia.
25TNC-50-3-6			loose		.209	.116	1	G 03233	3004	
25TNC-50-3-9C			captive		.236	.116	2	RG-223/U or	3005	
25TNC-50-3-10			loose		.236	.116	2	G 03233d	3004	
25TNC-50-4-4C			captive		.252	.146	1	RG-59 B/U	3005	
25TNC-50-4-6			loose		.252	.146	1	RG-59 B/U	3004	
25TNC-50-3-3C			captive		.209	.116	1	RG-58 C/U or	3005	4 threaded holes UNF 3-56
25TNC-50-3-5			loose		.209	.116	1	G 03233	3004	
25TNC-50-3-7C			captive		.236	.116	2	RG-223/U or	3005	4 clearance holes .122" dia.
25TNC-50-3-8			loose		.236	.116	2	G 03233d	3004	
25TNC-50-4-3C			captive		.252	.146	1	RG-59 B/U	3005	4 threaded holes UNF 3-56
25TNC-50-4-5			loose		.252	.146	1	RG-59 B/U	3004	

Panel Jack 75 Ω

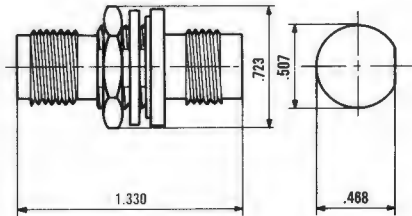
cable entry construction type 2

Suhner Type	US-MIL-Type	NATO Type equivalent	centre contact	pressur- ized	cable				assembly instruction number	notes
					dia. max. in	dielectric dia. in	screen	example		
25TNC-75-3-4C			captive		.209	.116	1	G 03233	3005	4 clearance holes .122" dia.

Bulkhead Adapter 50 Ω

female

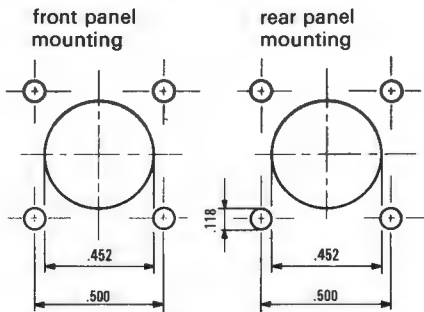
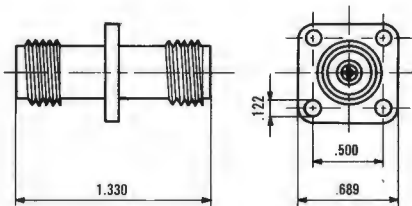
mounting hole



Suhner Type	US-MIL-Type	NATO Type equivalent	centre contact	pressur- ized	cable				assembly instruction number	notes
					dia. max. in	dielectric dia. in	screen	example		
34TNC-50-0-1				yes						panel thickness max. .138"

Panel Adapter 50 Ω

female

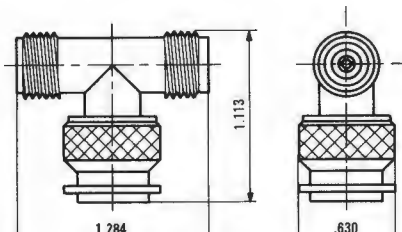


Screws see page TNC.21

Suhner Type	US-MIL-Type	NATO Type equivalent	centre contact	pressur- ized	cable				assembly instruction number	notes
					dia. max. in	dielectric dia. in	screen	example		
37TNC-50-0-1										4 threaded holes UNF 3-56
37TNC-50-0-2										4 clearance holes .122" dia.

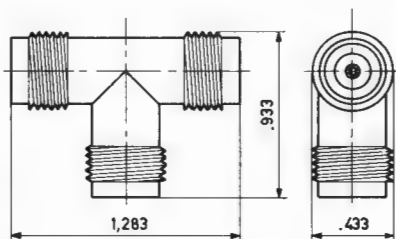
T-Adapter 50 Ω

2× female, 1× male



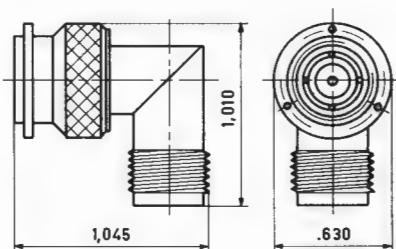
T-Adapter 50 Ω

3 $\times$ female



Suhner Type	US-MIL-Type	NATO Type equivalent	centre contact	pressurized	cable				assembly instruction number	notes
					dia. max. in	dielectric dia. in	screen	example		
46TNC-50-0-1										

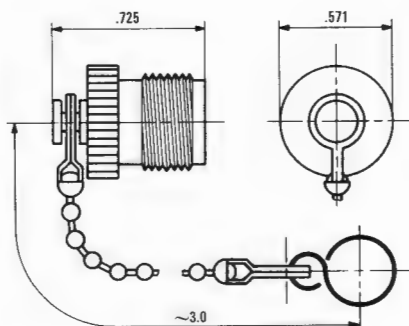
Angle Adapter 50 and 75 Ω



Suhner Type	US-MIL-Type	NATO Type equivalent	centre contact	pressurized	cable				assembly instruction number	notes
					dia. max. in	dielectric dia. in	screen	example		
53TNC-50-0-1										50 Ω , male-female
53TNC-75-0-1										75 Ω , male-female

Cap

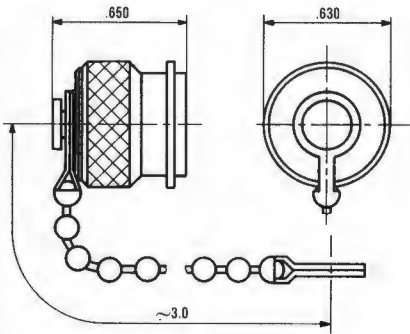
for male connectors



Suhner Type	US-MIL-Type	NATO Type equivalent	centre contact	pressurized	cable				assembly instruction number	notes
					dia. max. in	dielectric dia. in	screen	example		
61TNC-0-0-1										with chain and ring

Cap

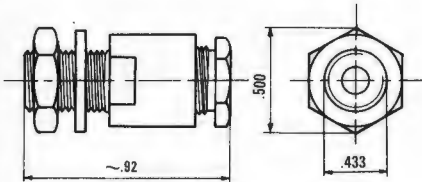
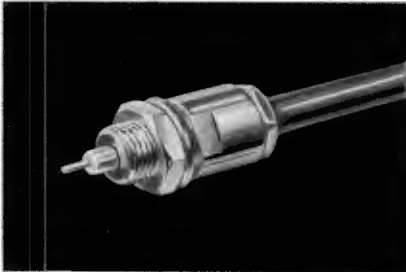
for female connectors



Suhner Type	US-MIL-Type	NATO Type equivalent	centre contact	pressur- ized	cable				assembly instruction number	notes
					dia. max. in	dielectric dia. in	screen	example		
62TNC-0-0-1										with chain and end clip

Cable Feed-Through

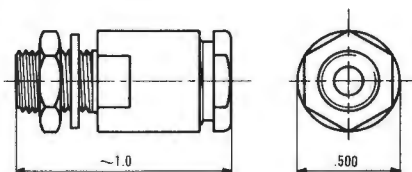
with cable entry construction type 1



Suhner Type	US-MIL-Type	NATO Type equivalent	centre contact	pressur- ized	cable				assembly instruction number	notes
					dia. max. in	dielectric dia. in	screen	example		
71Z-0-3-1					.209	.116	1	RG-58 C/U or	3023*	thread length .256" mounting hole .315" dia.
71Z-0-3-2					.209	.116	1	G 03233	3023*	thread length .394" mounting hole .315" dia.
71Z-0-4-1					.252	.146	1	RG-59 B/U	3023*	thread length .256" mounting hole .315" dia.
71Z-0-4-2					.252	.146	1	RG-59 B/U	3023*	thread length .394" mounting hole .315" dia.
										* use dimensions for jacket and screen

Cable Feed-Through

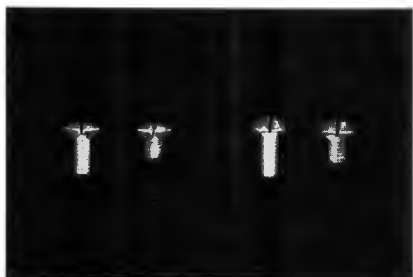
with cable entry construction type 2



Suhner Type	US-MIL-Type	NATO Type equivalent	centre contact	pressurized	cable				assembly instruction number	notes
					dia. max. in	dielectric dia. in	screen	example		
71Z-0-3-3					.209	.116	1	RG-58 C/U G 03233	3004*	thread length .394" mounting hole .315" dia.
71Z-0-4-3					.252	.146	1	RG-59 B/U	3004*	
										* use dimensions for jacket and screen

Silvered Screws

thread UNF 3-56



Suhner Type	US-MIL-Type	NATO Type equivalent	centre contact	pressurized	cable				assembly instruction number	notes
					dia. max. in	dielectric dia. in	screen	example		
73Z-0-0-1										round head, thread length .158"
73Z-0-0-2										round head, thread length .236"
73Z-0-0-3										counter-sunk lens-head thread length .158"
73Z-0-0-4										counter-sunk lens-head thread length .236"
73Z-0-0-8										round head thread length .276"

Between Series Adapters

"TNC male" means
that the adapter's TNC-end
is male.

Suhner Type	from	to
33TNC-UHF-0-1	TNC male	→ UHF female
33UHF-TNC-0-1	TNC female	→ UHF male
31TNC-UHF-0-1	TNC female	→ UHF female
32TNC-UHF-0-1	TNC male	→ UHF male

33TNC-BNC-50-1	TNC 50 Ω male	→ BNC 50 Ω female
33BNC-TNC-50-1	TNC 50 Ω female	→ BNC 50 Ω male
31BNC-TNC-50-1	TNC 50 Ω female	→ BNC 50 Ω female
32BNC-TNC-50-1	TNC 50 Ω male	→ BNC 50 Ω male

33TNC-BNC-75-1	TNC 75 Ω male	→ BNC 75 Ω female
33BNC-TNC-75-1	TNC 75 Ω female	→ BNC 75 Ω male
31BNC-TNC-75-1	TNC 75 Ω female	→ BNC 75 Ω female
32BNC-TNC-75-1	TNC 75 Ω male	→ BNC 75 Ω male

33TNC-C-50-1	TNC 50 Ω male	→ C 50 Ω female
33C-TNC-50-1	TNC 50 Ω female	→ C 50 Ω male
31C-TNC-50-1	TNC 50 Ω female	→ C 50 Ω female
32C-TNC-50-1	TNC 50 Ω male	→ C 50 Ω male

33TNC-C-75-1	TNC 75 Ω male	→ C 75 Ω female
33C-TNC-75-1	TNC 75 Ω female	→ C 75 Ω male
31C-TNC-75-1	TNC 75 Ω female	→ C 75 Ω female
32C-TNC-75-1	TNC 75 Ω male	→ C 75 Ω male

33TNC-N-50-1	TNC 50 Ω male	→ N 50 Ω female
33N-TNC-50-1	TNC 50 Ω female	→ N 50 Ω male
31N-TNC-50-1	TNC 50 Ω female	→ N 50 Ω female
32TNC-N-50-1	TNC 50 Ω male	→ N 50 Ω male

Suhner Type	from	to
33TNC-N-75-1	TNC 75 Ω male	→ N 75 Ω female
33N-TNC-75-1	TNC 75 Ω female	→ N 75 Ω male
31N-TNC-75-1	TNC 75 Ω female	→ N 75 Ω female
32N-TNC-75-1	TNC 75 Ω male	→ N 75 Ω male

33TNC-M-50-1	TNC 50 Ω male	→ M 50 Ω female
33M-TNC-50-1	TNC 50 Ω female	→ M 50 Ω male
31M-TNC-50-1	TNC 50 Ω female	→ M 50 Ω female
32M-TNC-50-1	TNC 50 Ω male	→ M 50 Ω male

33TNC-M-75-1	TNC 75 Ω male	→ M 75 Ω female
33M-TNC-75-1	TNC 75 Ω female	→ M 75 Ω male
31M-TNC-75-1	TNC 75 Ω female	→ M 75 Ω female
32M-TNC-75-1	TNC 75 Ω male	→ M 75 Ω male

33TNC-K-50-1	TNC 50 Ω male	→ K 50 Ω female
33K-TNC-50-1	TNC 50 Ω female	→ K 50 Ω male
31K-TNC-50-1	TNC 50 Ω female	→ K 50 Ω female
32K-TNC-50-1	TNC 50 Ω male	→ K 50 Ω male

33TNC-SC-50-1	TNC 50 Ω male	→ SC 50 Ω female
33SC-TNC-50-1	TNC 50 Ω female	→ SC 50 Ω male
31SC-TNC-50-1	TNC 50 Ω female	→ SC 50 Ω female
32SC-TNC-50-1	TNC 50 Ω male	→ SC 50 Ω male

33TNC-J-75-1	TNC 75 Ω male	→ J 75 Ω female
33J-TNC-75-1	TNC 75 Ω female	→ J 75 Ω male
31J-TNC-75-1	TNC 75 Ω female	→ J 75 Ω female
32J-TNC-75-1	TNC 75 Ω male	→ J 75 Ω male