

1. General Data

Moisture-proof, water-proof, non-corrosive.
 Metal parts silver-plated and passivated.
 Insulation: Teflon (P.T.F.E.) or polythene.
 Seals: natural rubber.
 Female contacts bronze.

The inner conductor of the cable acts as the centre contact pin for the male connector.

Impedance: 50 and 180 ohms.

which do not mate with each other.

Frequency Range: up to 10000 Mc/s.

Operating Voltage: 5 kV max.

Temperature Limit:
 with polythene insulator 160°F/70°C
 with Teflon insulator 480°F/250°C.

Cable-Entry Sizes: .410"....885" dia.
 (10,3...22,5 mm)

2. Suitable Cables

Cable types Examples	Dielectric dia. inches	Screen dia. inches	Sheath max. dia. inches	Suitable types 'LC' connectors
RG-213/U	.285 (7,25 mm)	.319 (8,1 mm)	.425 (10,8 mm)	... LC-50-7 ...
RG-164/U RG-218/U RG-219/U 96 IEC-50-17-1	.681 (17,3 mm)	.738 (18,5 mm)	.885 (22,5 mm)	... LC-50-17 ...
A17239/180	.681 (17,3 mm)	.738 (18,5 mm)	.885 (22,5 mm)	... LC-180-17 ...

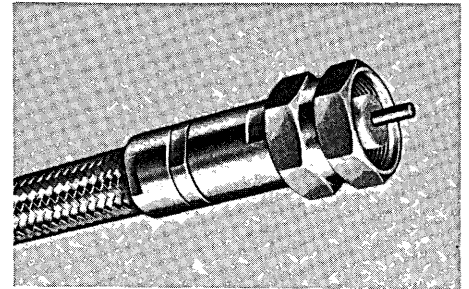
3. GK Armour-Clamp

The GK armour-clamp ensures a strong and functional fitting of 'LC' connectors to armoured cables.

The following GK-types are available:

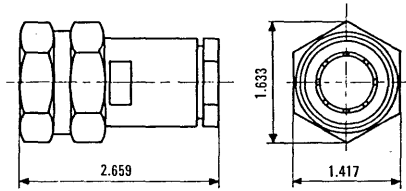
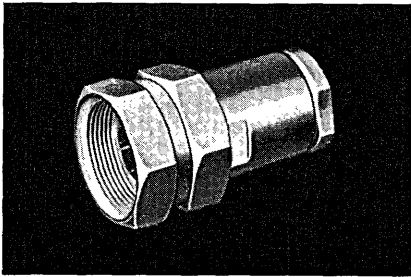
GK103 for armoured cable,
 dia. over sheath .405" (10,3 mm) (RG-215/U)

GK220 for armoured cable,
 dia. over sheath .866" (22,0 mm) (RG-219/U)



11LC-50-17-1 with GK220
 fitted to cable RG-219/U

Plug 50 Ω

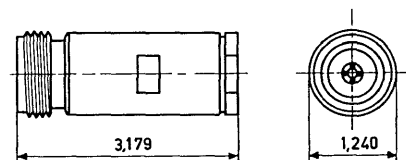
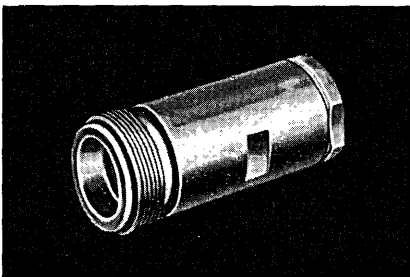


Suhner Type	US-MIL-Type	NATO Type equivalent	Insulator material	cable				assembly instruction number	notes
				dia. max. in	dielectric dia. in	screen	example		
11LC-50-7-1			Teflon	.425	.285	1	RG-213/U		V-groove gasket
11LC-50-17-1	UG-154/U	5935-99-972-9032		.885	.453	1	RG-218/U (50 Ω)	3030	
11LC-50-17-2			Teflon	.885	.453	1	RG-164/U (75 Ω)	3030	ferrule to be soldered on inner conductor of cable

Plug 180 Ω

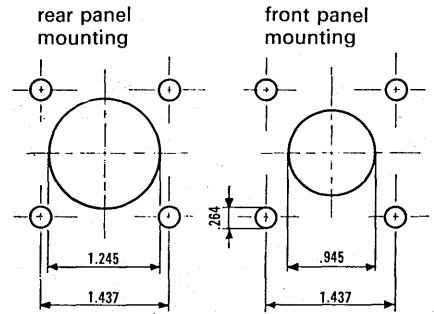
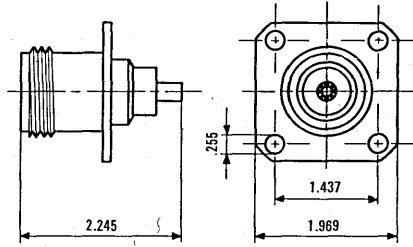
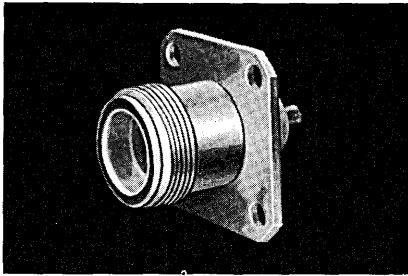
Suhner Type	US-MIL-Type	NATO Type equivalent	Insulator material	cable				assembly instruction number	notes
				dia. max. in	dielectric dia. in	screen	example		
11LC-180-17-1C			Teflon	.885	.453	1	A 17239/180		for beaded cables

Jack 50 Ω



Suhner Type	US-MIL-Type	NATO Type equivalent	Insulator material	cable				assembly instruction number	notes
				dia. max. in	dielectric dia. in	screen	example		
21LC-50-17-1C			Polyethylene	.885	.453	1	RG-218/U	3031	

Panel Receptacle 50 Ω

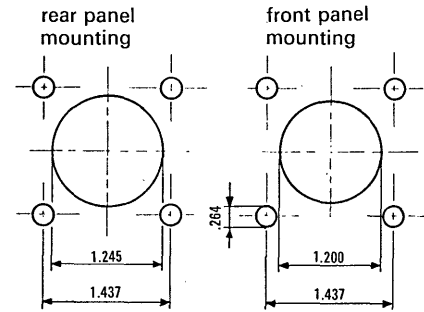
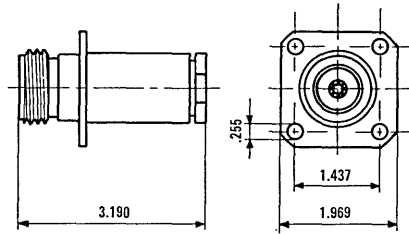
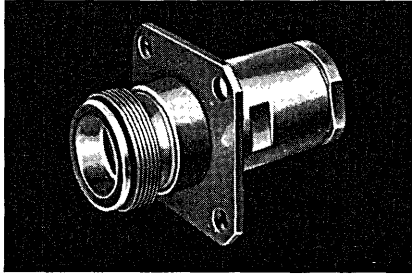


Suhner Type	US-MIL-Type	NATO Type equivalent	Insulator material	cable				assembly instruction number	notes
				dia. max. in	dielectric dia. in	screen	example		
23LC-50-0-1	UG-352/U		Teflon						4 clearance holes dia. .256"

Panel Receptacle 180 Ω

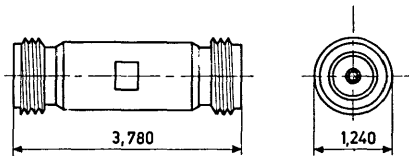
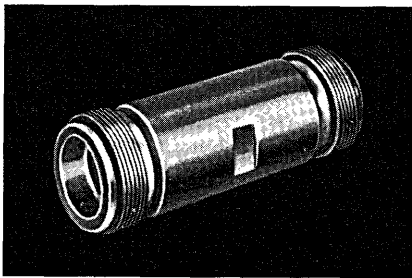
Suhner Type	US-MIL-Type	NATO Type equivalent	Insulator material	cable				assembly instruction number	notes
				dia. max. in	dielectric dia. in	screen	example		
23LC-180-0-1			Teflon						4 clearance holes dia. .256"

Panel Jack 50 Ω



Suhner Type	US-MIL-Type	NATO Type equivalent	Insulator material	cable				assembly instruction number	notes
				dia. max. in	dielectric dia. in	screen	example		
25LC-50-17-1C			Polyethylene	.885	.453	1	RG-218/U	3031	4 clearance holes dia. .256"

Straight Adapter 50 Ω



Suhner Type	US-MIL-Type	NATO Type equivalent	Insulator material	cable				assembly instruction number	notes
				dia. max. in	dielectric dia. in	screen	example		
31LC-50-0-1	UG-155/U		Polyethylene						female
37LC-50-0-1	UG-287/U		Polyethylene						with flange as 25LC-50-17-1C

Further types on request