

# Assembly instruction Series C, N, J F1 No. 3017

## Tools and materials required:

Stanley blade  
Scissors  
Soldering iron 150 Watts  
Solder Sn/Pb 60/40  
activated rosin flux  
Spanner 11 mm (74 Z-0-0-2)

## Straight cable connectors for flexible cables

### Cable entry: Screw-type

#### Connector types: (e. g.)

|             |             |
|-------------|-------------|
| 11C-50-3-2c | 11C-50-4-2c |
| 21C-50-3-2c | 21C-50-4-2c |
| 11N-50-3-2c | 11N-50-4-2c |
| 21N-50-3-2c | 21N-50-4-2c |
| 11J-50-3-1c | 11J-50-4-1c |
| 21J-50-3-1c | 21J-50-4-1c |

This connector  
is supplied  
in 10 parts

#### Suitable cables e. g.:

#### Centre contact:

#### Braid:

RG 58 C/U

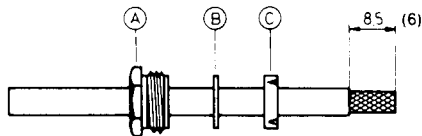
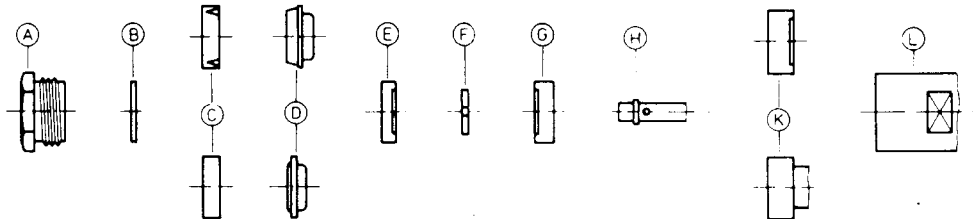
soldered

screwed

RG 59 B/U

soldered

screwed

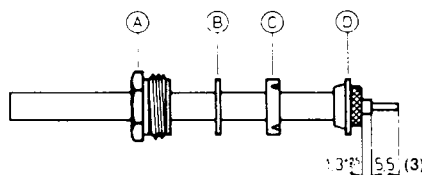


Slide nut A, washer B and gasket C onto cable.  
Prepare cable according to diagram (6 mm for angle  
connectors).

**CAUTION:** Do not damage braid!

Armoured cables: Slide two-piece FK-armour-clamp on cable  
instead of nut A.

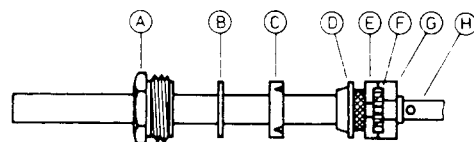
Remove 27,5 mm of armour.



Push braid back slightly to expose dielectric and cut back  
dielectric 5,5 mm perpendicular to cable axis (3 mm for  
angle connectors). Do not damage inner conductor.

Taper braid towards inner conductor. Position braid clamp D  
so that its shoulder fits against cable sheath.

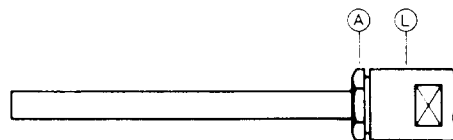
Fold back braid over clamp D and trim overlapping braid.  
Check dimension of 1,3 mm.



Position bushing E, insulator F and G.

Heat inner contact H using a soldering iron (approx. 150 W)  
and flow small amount of solder into bore.

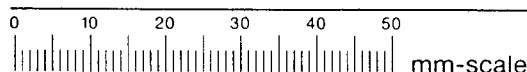
Push cable inner conductor into bore, immediately remove  
soldering iron to prevent melting of the dielectric.



Push prepared cable into connector body L,  
with front part of insulator K and tighten nut A. Torque 4 Nm  
Do not rotate cable in connector body.

Armoured cable: Finally screw on and tighten armour clamp.

For cable assemblies subjected to particular tensile strength, connectors can be fitted with the FUK-cable clamping. Please ask for data leaflets.



SUHNER's skilled staff and specialised equipment are available to carry out complete R. F. lead-assembly on your behalf.  
We mount your connectors on cables at economic prices! Please contact our representative for further details of this service.



**HUBER+SUHNER LTD. CH-9100 HERISAU**

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