

These instructions apply to:

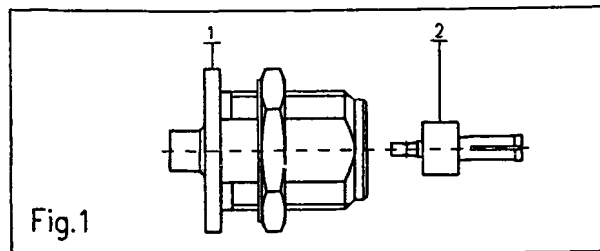
Connectors with connecting system N

for cable **EZ141CU-TP** - 50 Ω
RG 402/U (0.141") - 50 Ω

These instructions were written for qualified and experienced personnel. Please read them carefully before starting work. Any liability or responsibility for the results of improper or unsafe installation practices is disclaimed.

Tools and Materials

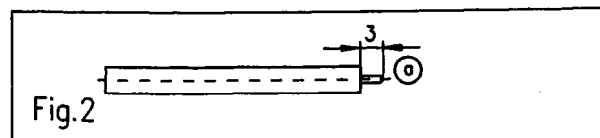
Measuring tape (with mm graduations), fine-toothed saw, fine file, cable knife, engineer's pliers, pipe cutter (if available), tube part (outer diam. 6.5 mm, inner diam. 3.6 mm), soldering iron 50 W (cable inner conductor), solder 60/40-tin/lead, e.g. L-Sn60PbCu2, soldering iron 150 W (cable outer conductor), solder 60/40-tin/lead, e.g. L-Sn60PbCu2



Connector components

Fig.1

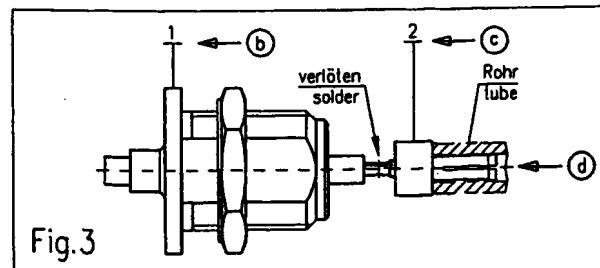
- 1 Connector head
- 2 Connector inner conductor with insulating support (separately packed)



Cable trimming

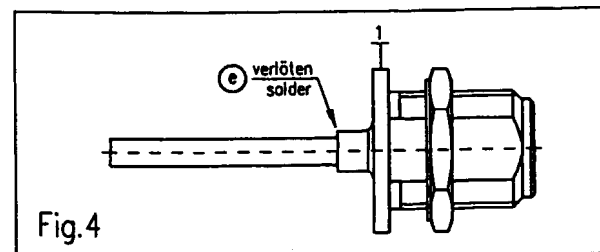
Fig.2

- a) Trim cable acc. to fig.2. Saw or cut in cable outer conductor, following break it off. Deburr cable inner conductor. Remove all metal particles! **Caution:** Do not deform cable inner conductor!



Fitting of inner conductor

- b) Slide part (1) onto cable.
- c) Slide connector inner conductor part (2) onto cable inner conductor until stop and solder it with 50 W soldering iron. Align connector inner conductor part (3), if necessary. Proper soldering required!
- d) Press connector inner conductor part (2) into connector head part (1) until stop with help of a tube part.



Fitting of connector head

Fig. 4

- e) Solder cable outer conductor and part (1) with 150 W soldering iron. Proper soldering required!