

Assembly instruction

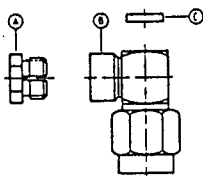
Series SMA

No. 9145

Tools and materials required:

Soldering iron
Solder Sn/Pb 60/40, activated rosin flux
Soft hammer or small vice
Blade (74 Z-0-0-68) W 68
SR cable stripping tool W 157
Tip trimmer W 164
C-Grip positioner W 141
Inserts for W 141 (UT 141) W 143
(UT 85) W 145
Torque wrench W 152

This connector is supplied in 3 parts

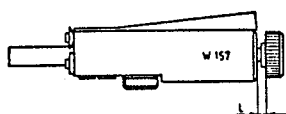
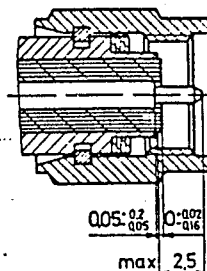


Straight connector for semi-rigid cable

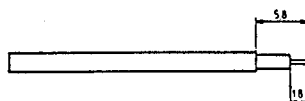
Cable entry: C-Grip

Connector types: (e. g.)

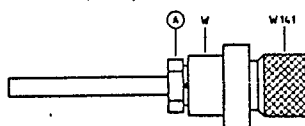
16 SMA-50-2-60c
16 SMA-50-3-60c



Cut cable end perpendicular to cable axis.
Remove copper jacket using cable stripping tool W 157.
Set tool to 5,8 mm.
See instruction sheet 9144 for detailed instructions.
(L = 1,8 mm)

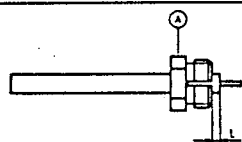


Remove dielectric (1,8 mm) using blade W 68.
Trim tip of conductor to a 90° cone using tip-trimmer W 164.

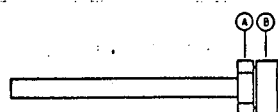


Push C-Grip A onto cable using positioner W 141 and appropriate insert.

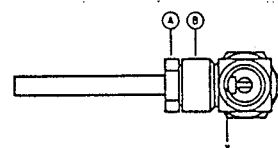
Cable typ	W	Typ SMA
UT 141	W 143	e. g. 16 SMA-50-3-60c
UT 85	W 145	e. g. 16 SMA-50-2-60c



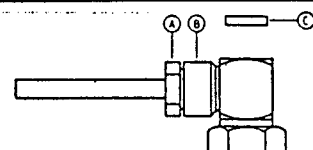
Check dimension L = 0,1–0,6 mm.



Screw body B over C-Grip A and tighten fully using torque wrench W 152 (120 Ncm).
IMPORTANT: C-Grip must not be rotated with respect to the cable jacket.



Solder inner conductor to contact, keep rim y free from solder.



Place cover C on rear opening of body B.
Press cover C into opening using a soft hammer or a vice.



SUHNER's skilled staff and specialised equipment are available to carry out complete R.F. lead-assembly on your behalf.
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