

# Assembly instruction Series SMA v8 No. 9055

## Tools and materials required:

Soldering iron 80 to 100 Watts/ 220 to 240°C

Solder Sn/Pb 60/40 activated rosin flux

Alcohol, brush

Stanley blade, flat nosed pliers

Locator tool No. W 62

Soldering No. 58

Inserts No. W 59

Tip trimmer No. W 164

Trim tool No. W 63 (optional)

Positioner No. W 81 (for W 164)

This connector is supplied  
in 2 parts.

No contact and insulator supplied.

Straight connector for copper jacket cable

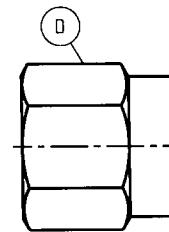
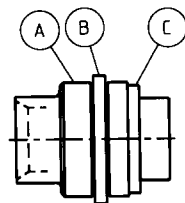
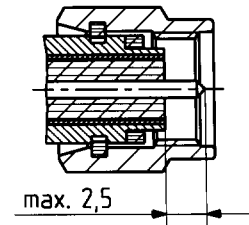
Cable entry: soldered, without contact pin and insulator

Connector types: (e.g.)

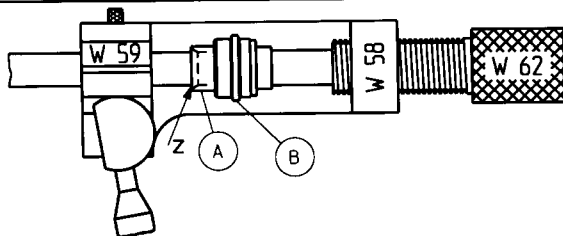
11 SMA 50 - 3 - 14 / Kabel EZ 141, (14.1")

11 SMA 50 - 3 - 16 / Kabel EZ 141, (14.1")

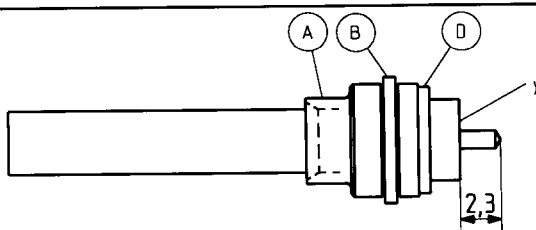
SMA plug interface dimensions



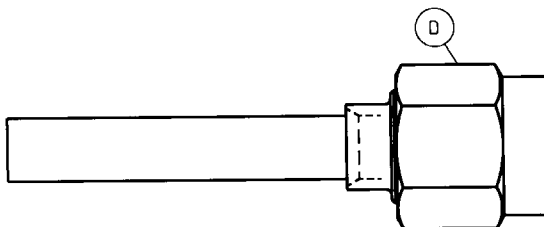
Cut end of semi rigid cable in a plane perpendicular to the cable axis.



**IMPORTANT:** Remove O-Ring gasket C from connector housing A prior to soldering. Slide connector housing A onto cable. Place cable in soldering fixture W 58 and fix between inserts W 59. Tighten locator tool W 62 completely against cable end. Push connector housing A completely against locator tool W 62. Solder connector housing A to cable by z, avoid excessive heat, immediately cool down and clean with alcohol.



Cut off dielectric and copper jacket at plane y using a blade. To remove excessive solder, use trim tool W 63. Form tip of inner conductor to a 90° cone using tip trimmer W 164. Check dimension 2.3mm. Mount O-Ring gasket C on connector housing A.



Press connector housing A into nut D until spring washer B engages. Use tools W 164 and W 81 for this operation. A slight rotary action might be necessary.

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 AG CH-9100 HERISAU

Deutscher Text: siehe Rückseite