Assembly instruction Series SMA

D | 22.06.05
4885/Sas

No. 3071

Tools and materials required:

Stanley blade
Scissors
Soldering iron
Solder
Contact holder No. W 54
Locator tool No. W 14 "F" and "M"
Spanner 8mm (74 Z 0-0-16)

Straight connectors for flexible cables

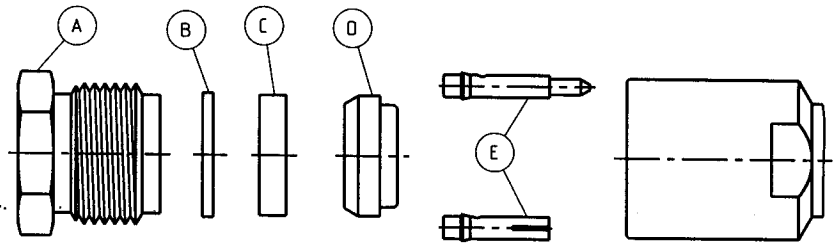
Cable entry: Screw-typ

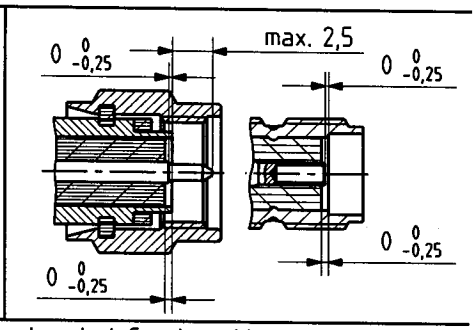
Connector types: (e.g.)

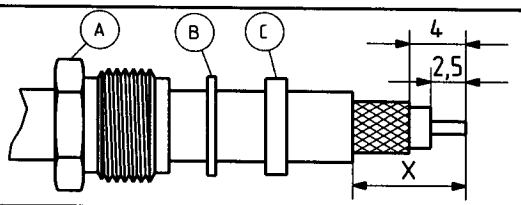
11_SMA-50-3-7 , 11_SMA-50-3-8 , 11_SMA-50-3-10
21_SMA-50-3-7 , 21_SMA-50-3-8
24_SMA-50-3-7 , 24_SMA-50-3-8

This connector is supplied in 6 parts

Suitable cables e.g. RG 58 C/U , RG 223/U , RG 400/U

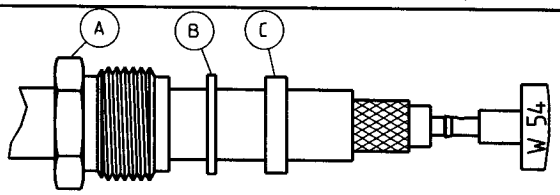




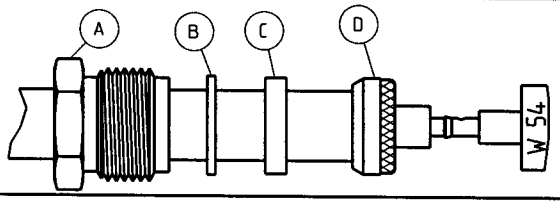


Slide nut A, washer B and gasket C onto cable.
Prepare cable according to diagram.
CAUTION: Do not damage braid and inner conductor of cable.

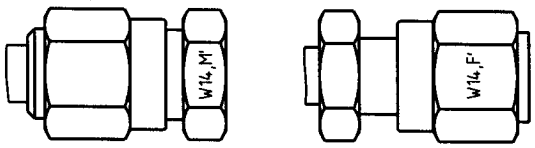
Typ :	X
11/21 SMA 50-3- ...	7 mm
24 SMA 50-3-...	9 mm



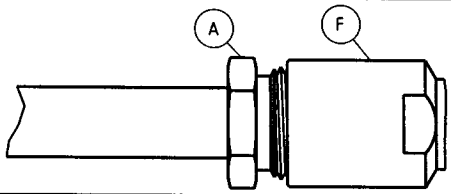
Push contact E onto contact holder W 54.
Heat contact E using a dry soldering iron.
Flow small amount of solder into bore hole of contact, introduce inner conductor of cable and solder to contact.
Clean contact E and cable dielectric, remove excess solder.



Position braid clamp D so that its shoulder fits against cable sheath.
Fold back braid over clamp D and trim overlapping braid if necessary.



Mount locator tool W 14 onto connector body F
("M" for male, "F" for female)



Push prepared cable into connector body F,
and tighten nut A. (torque 4Nm)
Remove locator tool W 14 and check interface dimensions.

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

Montageanleitung Serie SMA

D 22.06.05
4885/Sas

Nr. 3071

Benötigte Hilfsmittel:

Stanley Messer
Schere
Lötkolben
Lötzinn
Montagelehre Nr. W 14 "F" bezw. "M"
Kontakthalter Nr. W 54
Gabelschlüssel SW 8 (74 Z 0-0-16)

Gerade Verbinder für flexible Kabel

Kabeleinführung: geschraubt

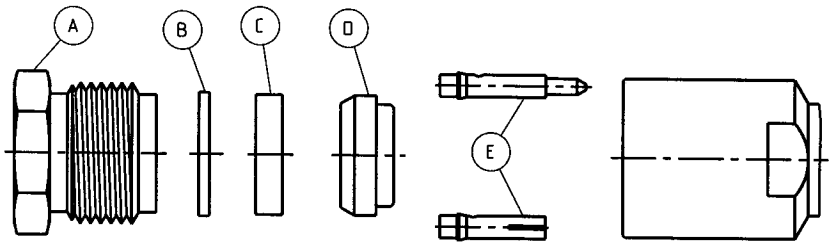
Verbinder-Typen : (z.B.)

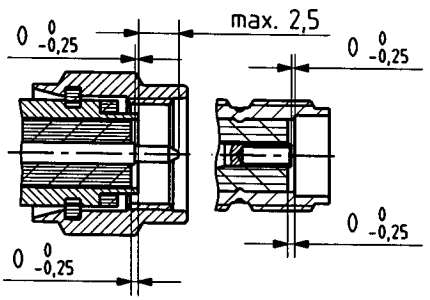
11_SMA-50-3-7 , 11_SMA-50-3-8 , 11_SMA-50-3-10
21_SMA-50-3-7 , 21_SMA-50-3-8
24_SMA-50-3-7 , 24_SMA-50-3-8

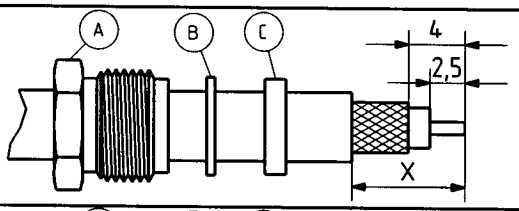
Dieser Verbinder wird in 6 losen Teilen geliefert

Geeignete Kabel:

RG 58 C/U , RG 223/U , RG 400/U

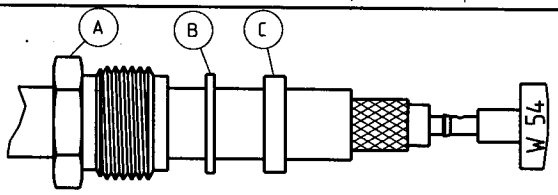




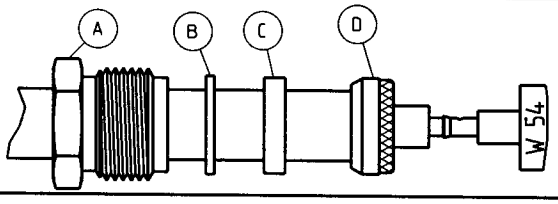


Nippel A, Scheibe B und Dichtung C auf das Kabel schieben.
Kabel gemäss Figur abisolieren.
ACHTUNG: Abschirmung und Innenleiter nicht beschädigen!

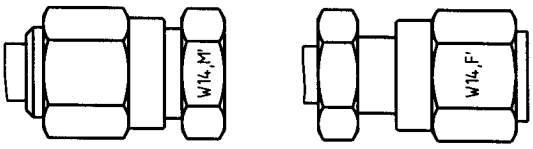
Typ :	X
11/21 SMA 50-3- ...	7 mm
24 SMA 50-3-...	9 mm



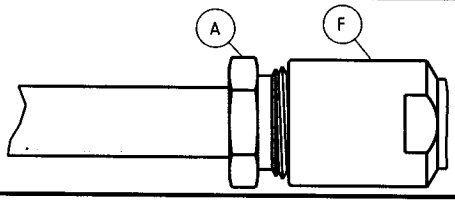
Kontakt E auf Kontakthalter W 54 stecken.
Kontakt E mit trockenem Lötkolben erwärmen,
Lötzinn in die Bohrung geben, vorbereitetes
Kabel in die Bohrung stossen und verlöten.
Kontakt E und Dielektrikum reinigen.



Ring D sorgfältig über Abschirmung bis an den Mantel stossen.
Abschirmung zurückstülpen und, wenn nötig, am Rand von Ring D abschneiden.



Montagelehre W 14 auf das Gehäuse F schrauben.
("M" bei männlichen,"F" bei weiblichen Verbinder.)



Vorbereitetes Kabel in Gehäuse F einführen.
Nippel A einschrauben und fest anziehen. (Drehmoment 4 Nm)
Montagelehre W 14 entfernen und Anschlussmasse prüfen.

SUHNER verfügt über gut ausgebildete Fachkräfte und rationelle Einrichtungen zur Herstellung kompletter HF-Verbindungsleitungen. Wir montieren Ihre Verbinder zu wirtschaftlichen Preisen! Wenden Sie sich an unsere Vertreter.

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for English text see overleaf