



Network Systems Organization

Federal Communications Commission
Equipment Approval Services
P.O. Box 358315
Pittsburgh, PA 15251-5315

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Re: FCC ID H9PLA3021-100 Ref # 10271

Date: October 26, 99

Dear Reviewer,

In response to the following Email:

>To: Norman Nelson, Symbol Technologies, Inc.
>From: Joe Dichoso
> jdichoso@fcc.gov
> FCC Application Processing Branch
>
>Re: FCC ID H9PLA3021-100
>Applicant: Symbol Technologies Inc
>Correspondence Reference Number: 10271
>731 Confirmation Number: EA94885
>Date of Original E-Mail: 10/20/1999
>
>

>1) With regard to the DOC label requirements, Section 15.19(b)3 requires the
>Trade name, model number and FCC logo to be displayed on the device.
>To make room on your device the statement required by Section 15.19(a)3
> may be placed in the manual. Supply a corrected label with the DOC
>requirements an also has the Certification requirements(FCC identifier).

A corrected label has been uploaded to the FCC web site.

>
>2) With regard to the MMCX connector, you state that this connector requires
>special tools, knowledge and assembly techniques. Please clarify in detail.
>What special tools, knowledge and assembly techniques are REQUIRED to
> be used for this connector?

Please see the attached assembly instructions from the manufacturer.

>3) FYI, The RF Safety exhibits are under review and will be forwarded as soon as possible

Respectfully,

Norman H. Nelson

Assembly instruction

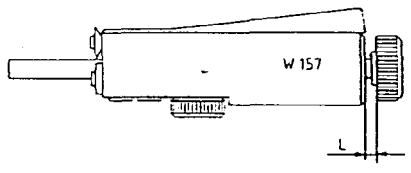
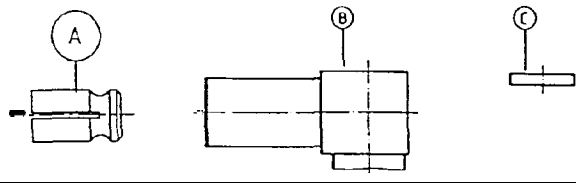
Series MMCX_{T3}NO. 9077

Tools and materials required:
 Soldering iron 80 to 100 Watts/220 to 240°C
 Solder Sn/Pb 60/40, 0,8 mm Ø, activated rosin flux
 Alcohol, brush, blade (74 Z-O-O-68)
 SR cable stripping tool No. W 157
 Soldering fixture No. W 58
 Inserts No. W 59/W 60/ W 133
 Locator tool No. W 61
 Assembly tool 74 2-o-o-225

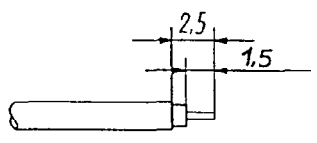
This connector is supplied in 3 parts

Suitable cables e. g. Centre contact: capt.
 Braid:

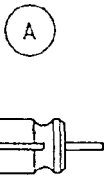
Connectors for copper jacket cable		
Cable entry: soldered		
Connector types: (e. g.) 16 MMCX 50-I-4		
EZ 47 (.047")		
soldered		
soldered		



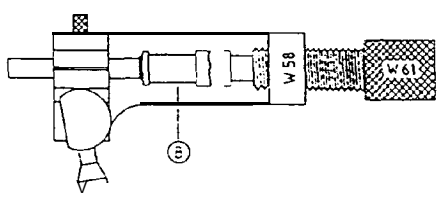
Cut cable end perpendicular to cable axis.
 Cut back copper jacket using cable stripping tool W 157.
 See instruction sheet No. 9144 for detailed description.
 The tool must be set for L= 2,5mm stripping dimension.



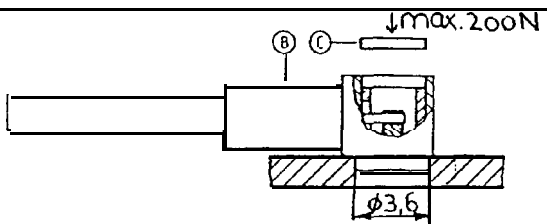
Prepare cable according to diagram.
 Remove dielectric using a blade.



Slide ferule A over the cable and seat firmly against cable jacket.



Slide connector housing B over cable and fix cable in fixture.
 Tighten locator tool W 61 fully against housing B.
 Solder connector housing B to cable, avoid excessive heat, immediately cool down clean with alcohol.



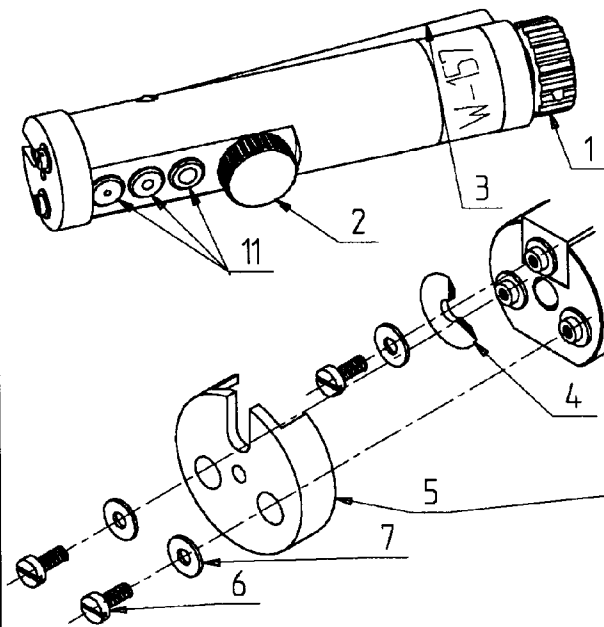
Solder inner conductor to contact.
 Place cover C on rear opening of body B.
 Press cover C into housing B with assembly tool.

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.

Instructions for use

74 Z 0 - 0 - 157

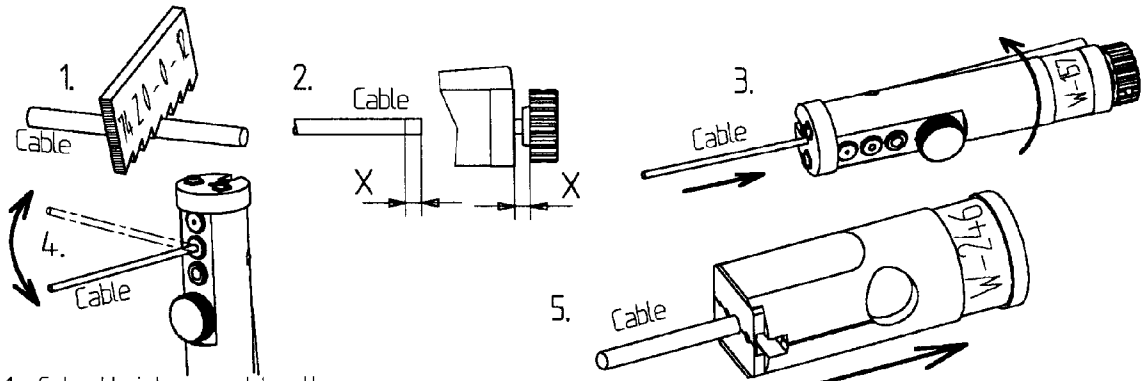
No. 9144 08



- 1 Tuning screw
- 2 Fixing screw
- 3 Lever
- 4 Cutting wheel
- 5 Support cover
- 6 Mounting screws
- 7 Disks
- 11 Openings for breaking the copper jacket

Cable	Wheel (4)	Support (5)
EZ-47, UT-47	large bright	d = 1,3 mm
EZ-86, EZ-86-75 UT-85, UT-85-75 RG 405/U SUCOFORM-86	black	d = 2,3 mm
EZ-141, EZ-141-75 UT-141, UT-141-75 RG 402/U SUCOFORM-141	small bright	d = 3,7 mm

Procedure:



1. Cut cable into correct length using tool 74 Z 0 - 0 - 12. (Do not use wire cutters!)
2. Setting of stripping length X
Unscrew fixing screw 2, set desired length X with tuning screw 1 and tighten fixing screw 2.
3. Push cable through opening of support cover while pressing lever 3. Release lever and rotate tool W-157 min. 6 times. Attention Jacket will not be cut through!
4. Insert cable into suitable opening 11 and bend carefully back and forth until the copper jacket brakes
5. Remove the separated piece of copper jacket with tool W-246.
6. Cut off excessive dielectric with blade 74 Z 0 - 0 - 68 and trim cable conductor to a 90° cone using tip trimmer 74 Z 0 - 0 - 164.

Accessories

Replacement cutting wheels	Set for EZ-47/-86/-141: 74 Z 0 - 0 - 160 For EZ-47 = 74 Z 0 - 0 - 206 For EZ-86 = 74 Z 0 - 0 - 207 For EZ-141 = 74 Z 0 - 0 - 208
Replacement support cover:	For EZ-47 = 74 Z 0 - 0 - 196 For EZ-86 = 74 Z 0 - 0 - 197 For EZ-141 = 74 Z 0 - 0 - 198
Razor-blade	74 Z 0 - 0 - 68
Tip trimmer:	74 Z 0 - 0 - 164



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