

### CASA Assembly Instruction for:- "11SMA-11 TNCR-RG58-xxmm(yTS/HS)"

Assembly & Cable Preparation details for the following CASA Crimp Coaxial Connectors:-  
 Note - Double screened cables RG-58C/U, RG-213/U, RG-214/U or G0-3232D-1 etc may be used provided the single screen crimp ferrule + centre pins substituted with the double screen part.  
 11SMA-50-3-RG58...  
 11SMA-50-3-RG223...  
 11TNCR-50-3-RG58...  
 etc.

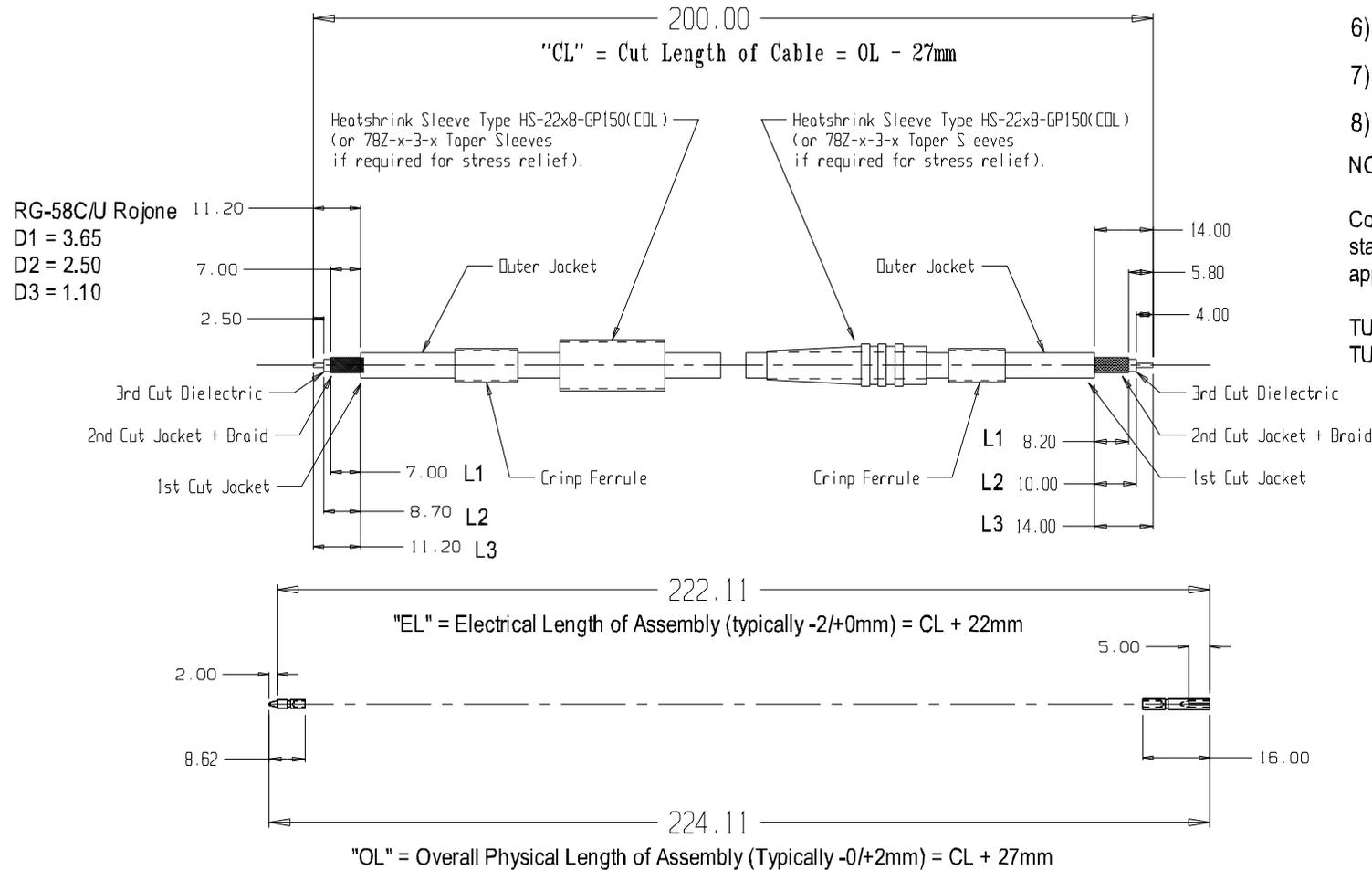
#### Installation Steps:-

- 1) Prepare Cable End to Drawing detail
- 2) Fit Ferrule (and Heatshrink/Taper Sleeve)
- 3) Crimp (or solder) Centre Contact to inner conductor
- 4) Flare Braid to receive spigot
- 5) Install Connector Body onto contact & cable
- 6) Slide Ferrule over Spigot & Braid
- 7) Crimp Ferrule with "2C" (5.5mm Hex) Cavity
- 8) Install Heatshrink (or taper sleeve).

NOTE - Electrical Length "EL" is NOT the TUNED length.

Correction for VP (velocity of propagation) or PS (phase stability) must be made specific to the cable and specific application environment (temperature and frequency)

TUNED length correction factors range from 66~88% and TUNED cables will be designed upon customer request.



Schleuniger 207  
 Program # 48  
 Step # 6  
 Jacket # 4

RG-58C/U Rojone  
 D1 = 3.65  
 D2 = 2.50  
 D3 = 1.10

Absolute MINIMUM Cable Length =  
 $2 \times (14 + 7.7) = 43.4\text{mm}$  without heatshrink

RECOMENDED Pracital Minimum = 50mm  
 with or without Heatshrink.

Minimum Cable length WITH Taper Sleeves  
 $2 \times (38 + 7.7) + 14 = 105.4\text{mm}$

JOB No.  
**30xx**

Use the SUHNER "ORANGE" Crimp Cavity (5.5mm AF hexagonal) for the Ferrule  
 Use the SUHNER Violet Crimp Cavity (or equivalent 2.3mm AF square) or Solder the centre pin.

	CUSTOMER : <b>CASA Modular Systems</b>	SIZE	DRAWING Reference No.	ISSUE
	DESCRIPTION : "11SMA-11 TNCR" RG58 Cable Assembly Instruction	<b>A4</b>	<b>11SMA-11 TNCR-RG58</b>	
P. O. BOX 38-828, WELLINGTON, NEW ZEALAND TELEPHONE : (64-4) 5687 277 FACSIMILE : (64-4) 5685 161	DRAWN : <b>AWD</b> DATE : <b>26/02/13</b> APPROVED : <b>?</b> DWG. SCALE : <b>1:1</b>	© COPYRIGHT : CASA Modular Systems ALL RIGHTS RESERVED		