

# CASA Assembly Instruction for:- "16SMA-16SMA-EZ1 41-150mm(180d)"

Assembly & Cable Preparation details for the following CASA Crimp Coaxial Connectors:-

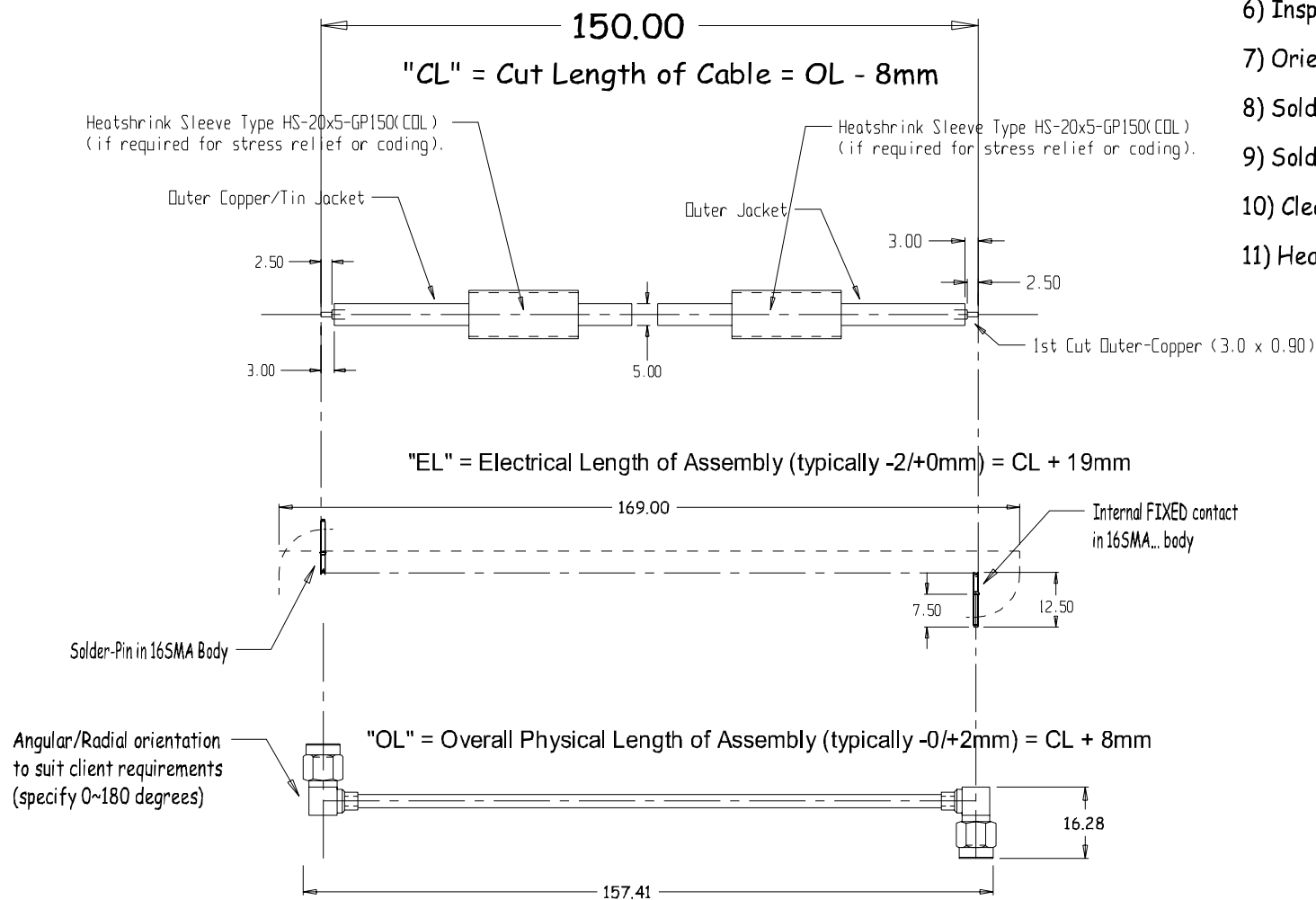
Note - Semi-Rigid Cables UT-141/EZ-141 etc. may be used provided the single screen crimp ferrule substituted with the double screen part.

16SMA-50-3-UT141 (may be already fitted to supplied cable)

16SMA-50-3-UT141 (Suhner or equivalent)

etc.

$$\text{CUT Length} = \text{"CL"} = \text{OL} - 8 \text{ mm}$$



## Installation Steps:-

- 1) Prepare Cable End to Drawing detail shown here
- 2) Fit HS ID Marker/labels and clear HS cover tubes
- 3) Clean and Inspect dielectric to contact interface
- 4) Install W14 contact-centreing/location jig onto body
- 5) Install Connector Body onto cable
- 6) Inspect and correct positioning
- 7) Orient body to correct radial-angular location
- 8) Solder centre contact in cavity
- 9) Solder coax-outer to SMA body
- 10) Clean with alcohol and fit top cap + remove W14 jig
- 11) Heatshrink Sleeves and ID markers as appropriate

? 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  
 $2 \times (38 + 7.7) + 14 = 105.4 \text{ mm}$

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CUSTOMER : **CASA Modular Systems**

DESCRIPTION :  
**16SMA-16SMA 180 deg - Semi-Rigid Assy.**

DRAWN : **AWD**

DATE : **10/04/07**

APPROVED : **?**

DWG. SCALE : **1:1**

SIZE

**A4**

DRAWING Reference No.

**16Sm-16Sm-180dA**

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JOB No.

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ISSUE