

CASA Assembly Instruction for:- "16SMA-16SMA-RG316-xxxmm(HS)"

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

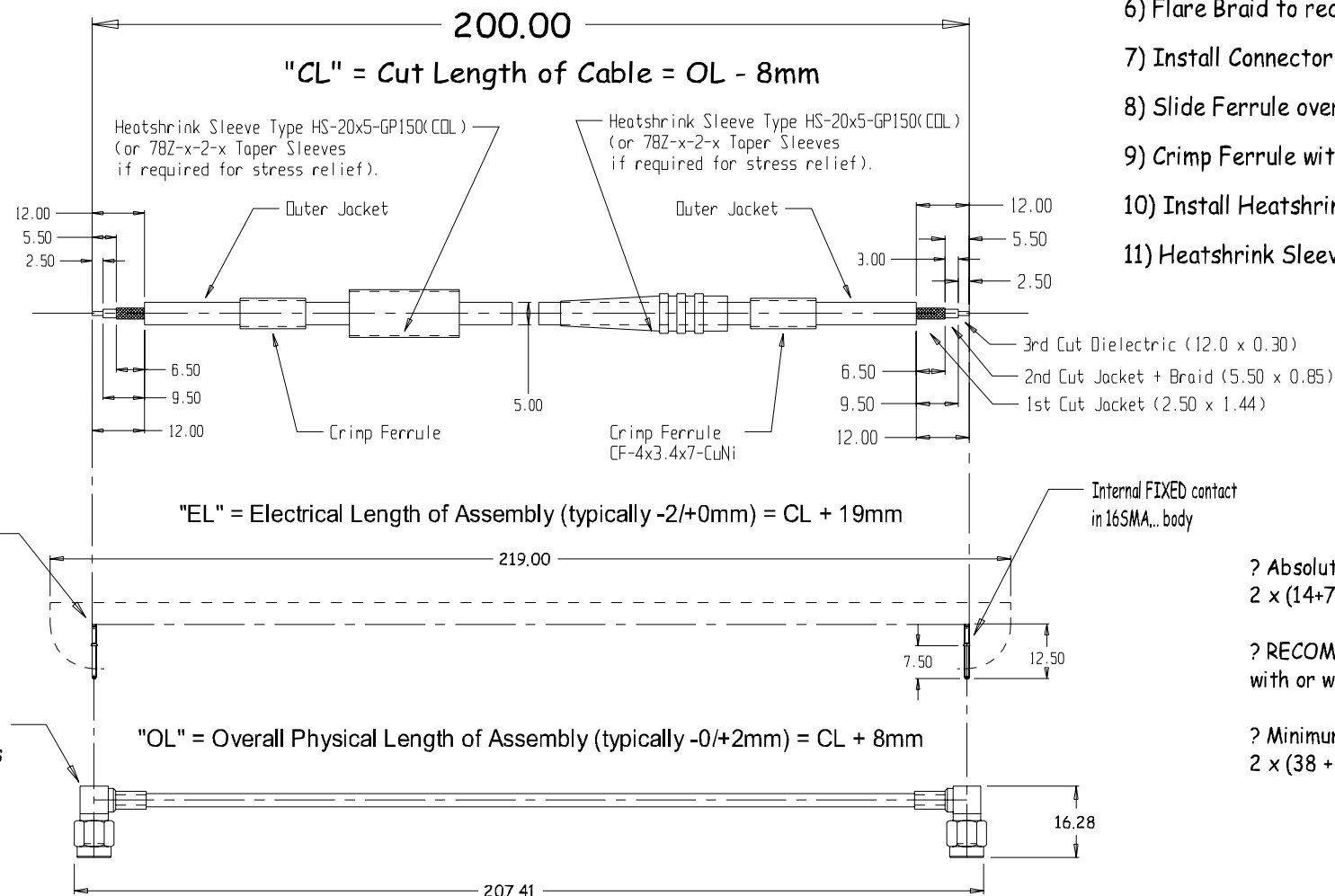
Note - Single screened cables RG17/RG3164 etc. may be used provided the single screen crimp ferrule substituted with the double screen part.

16SMA-50-2-RG316 (may be already fitted to supplied cable

16SMA-50-2-RG316 (Suhner or equivalent)

etc.

CUT Length = "CL" = OL - 8 mm



Installation Steps:-

- 1) Prepare Cable End to Drawing detail shown here
- 2) Fit HS ID Marker/labels and clear HS cover tubes
- 3) Fit and CRIMP centre pin onto centre conductor
- 4) Fit Ferrule (and Heatshrink/Taper Sleeve)
- 5) Clean and Inspect dielectric to contact interface
- 6) Flare Braid to receive spigot
- 7) Install Connector Body onto contact & cable
- 8) Slide Ferrule over Spigot & Braid
- 9) Crimp Ferrule with "2B" (5.5mm Hex) Orange Cavity
- 10) Install Heatshrink (or taper sleeve).
- 11) Heatshrink Sleeves and ID markers as appropriate

Schleuniger 207
Cable # 17 (24BNC-50-2-KC19-93)
Step 1 = 08.3 x 3.00
Step 2 = 13.1 x 1.84
Step 3 = 17.1 x 0.90

? Absolute MINIMUM Cable Length =
2 x (14+7.7) = 43.4mm without heatshrink

? RECOMENDED Pracital Minimum = 50mm
with or without Heatshrink.

? Minimum Cable length WITH Taper Sleeves
2 x (38 + 7.7) + 14 = 105.4mm

Use the SUHNER "RED" 75Z-0-2-4 (1B) Hand Tool or "Red" Die-Sets 76Z-0-2-1 or xx Crimp Cavity Size 1.6mm (0.063") square + 5.5mm (0.217") AF hexagonal for the Ferrule
The centre pin is crimped unless soldering is being specified by the customer.

CASA Modular Systems

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CUSTOMER : CASA Modular Systems

DESCRIPTION : "16SMA-16SMA" Cable Assembly Instruction

DRAWN : A.W.D. DATE : 19/03/07 APPROVED : ? DWG. SCALE : 1:1

SIZE DRAWING Reference No. ISSUE

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