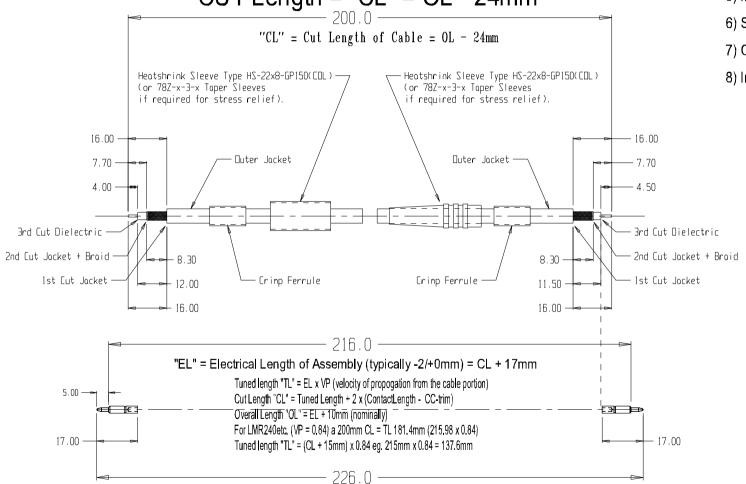
CASA Assembly Instruction for:- "11N-11N-LMR240-XmX(HS)"

Assembly & Cable Preparation details for the following CASA Crimp Coaxial Connectors:-Note - Double screened cables LMR195, LMR240, LMR300 or similar etc may be used provided the connectors + centre pins suit the foamed-dielectric coacial cables centre-conductor.

11N-50-4-LMR240..(or 11N-50-5-LMR300.or 11N-50-3-LMR195...etc.) Telegartner J01020A0119 is specified in this drawing.

CUT Length = "CL" = OL - 24mm



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 "APPROPRIATE" (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 (temperatture and frequency)

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

For higher bands a netwrok analyzer may be needed to verify any calculated approximations...

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

RECOMENDED Pracital Minimum = 50mm with or without Heatshrink.

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

"OL" = Overall Physical Length of Assembly (Typically -0/+2mm) = CL + 24mm

JOB No 30xx

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CASA Modular Systems DESCRIPTION

DRAWING Reference No. ISSUE 11N-11N-LMR

Use the SUHNER "YELLOW" Crimp Cavity (6.5mm AF hexagonal) for the Ferrule Use SUHNER 2C 1.6mm AF square Crimp Cavity (or 1.69 HEX equivalent) or solder the centre pin.

"11N-11N" LMR Cable Assembly Instruction & Cut-Length details APPROVED DWG. SCALE 1:1 COPYRIGHT : CASA Modular Systems A.W.D 31/01/23 ALL RIGHTS RESERVED