



**THE DATASHEET OF**  
**175101-21-36.00**



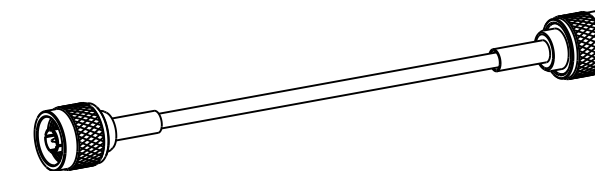
NOTES:

1. MATERIALS AND FINISHES:  
 N STR CRIMP PLUG - BRASS, WHITE BRONZE PLATING  
 CABLE - LMR 195
2. ELECTRICAL:  
 A. IMPEDANCE: 50 OHM
3. PACKAGING:  
 A. QUANTITY: SINGLE PACK  
 B. MARKING: BAG TO BE MARKED  
 "AMPHENOL RF, 175101-21-XX.XX AND DATE CODE".

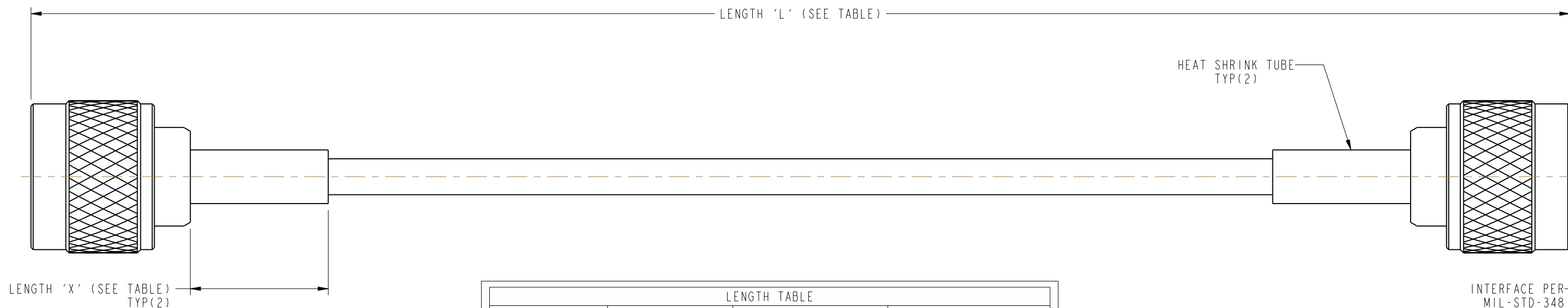
THIRD ANGLE PROJ.

REVISIONS

REV	DESCRIPTION	DATE	ECO	APPR
--	RELEASE TO MFG.	--	--	--
B	FORMAT UPDATED, HST LENGTH UPDATED IN LENGTH TABLE, 18.00", 48.00" & METRIC LENGTHS ADDED	07-Oct-16	2005	AG



SCALE 0.400



LENGTH TABLE			
PART NUMBER (IMPERIAL)	PART NUMBER (METRIC)	LENGTH 'L' IN INCHES [METERS]	LENGTH 'X' IN INCHES [METERS] MIN
175101-21-06.00	-	6.00 [0.152]	0.80 [0.020]
-	175101-21-M0.25	9.84 [0.250]	
175101-21-12.00	-	12.00 [0.305]	
175101-21-18.00	-	18.00 [0.457]	1.55 [0.039]
-	175101-21-M0.50	19.69 [0.500]	
175101-21-24.00	-	24.00 [0.610]	
-	175101-21-M0.75	29.53 [0.750]	
175101-21-36.00	-	36.00 [0.914]	
-	175101-21-M1.00	39.37 [1.000]	1.55 [0.039]
175101-21-48.00	-	48.00 [1.219]	
-	175101-21-M2.00	78.74 [2.000]	
-	175101-21-M4.00	157.48 [4.000]	

TOLERANCE TABLE	
LENGTH IN INCHES/FT [METERS]	TOLERANCE
0" - 23.90" [0 - 0.607]	±0.25" [0.006]
24.00" - 59.00" [0.610 - 1.499]	±0.50" [0.013]
5.0' - 24.9' [1.524 - 7.617]	±2.5%
25.0' & UP [7.620 & UP]	±5.0%

DESIGN REQUIREMENTS:

- FREQUENCY: \_\_\_\_ TO \_\_\_\_ GHz     CONTINUITY  
 VSWR \_\_\_\_ : 1 MAX                     HI-POT : 500 VRMS  
 INS. LOSS: \_\_\_\_ dB MAX                 OTHER

**CUSTOMER OUTLINE DRAWING**

ALL OTHER SHEETS ARE FOR INTERNAL USE ONLY

UNLESS OTHERWISE SPECIFIED, DIMENSIONS ARE IN INCHES AND TOLERANCES ARE: 2 PLACE DECIMAL    3 PLACE DECIMAL    ANGLES ±.015 (0.381 mm)    ±.005 (0.127 mm)    ± 1°	MATERIAL	DRAWN	DATE	TITLE N STR CRIMP PLUG TO N STR CRIMP PLUG USING LMR-195 CABLE, VARIOUS LENGTH	Amphenol RF www.amphenolrf.com
	SEE NOTES	ANANDH G	04-Jul-16		
NOTICE - These drawings, specifications, or other data (1) are, and remain the property of Amphenol corp. (2) must be returned upon request; and (3) are confidential and not to be disclosed to any person other than those to whom they are given by Amphenol Corp. the furnishing of these drawings, specifications, or other data by Amphenol Corp., or to any other person to anyone for any purpose is not to be regarded by implication or otherwise in any manner licensing, granting rights to permitting such holder or any other person to manufacture, use or sell any product, process or design, patented or otherwise, that may in any way be related to or disclosed by said drawings, specifications, or other data.	REFERENCE	ENGINEER	DATE	SCALE: 1.8:1.0	DRAWING NO. 175101-21-XX-XX ITEM NO. 175101-21-XX-XX PART NO. 175101-21-XX-XX
	EAR # 7307	GOPI M	28-Mar-12	SHEET 2 OF 2	
	CONFIGURATION LEVEL: In Work	APPROVED	DATE		DWG SIZE
FINISH	K.CAPOZZI	07-Oct-16		B	REV B

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