

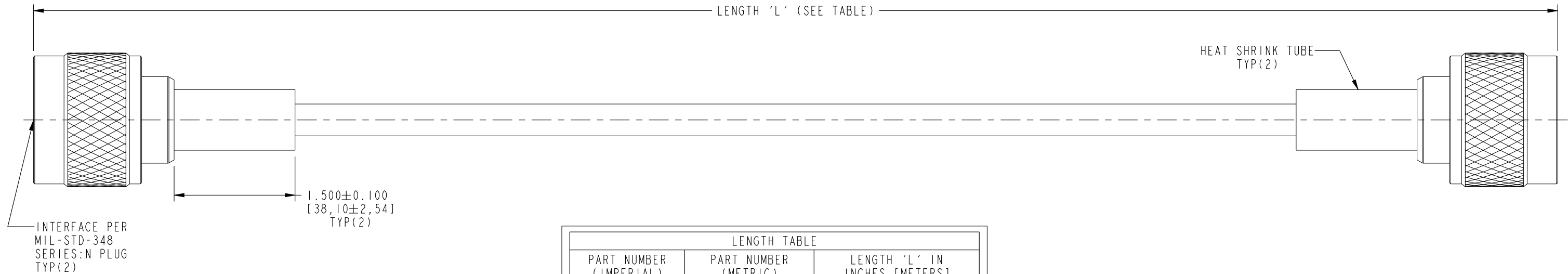
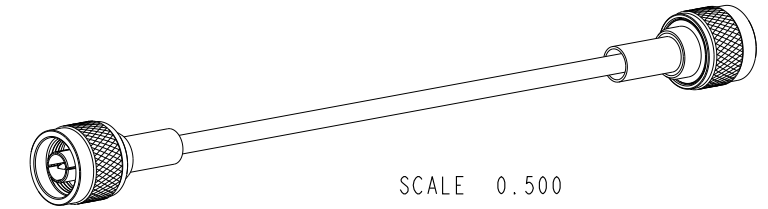
NOTES:

1. MATERIALS AND FINISHES:
 N STR PLUG - BRASS, WHITE BRONZE PLATING
 CABLE - RG 58
2. ELECTRICAL:
 A. IMPEDANCE: 50 OHM
3. PACKAGING:
 A. QUANTITY: SINGLE PACK
 B. MARKING: BAG TO BE MARKED
 "AMPHENOL RF, 175101-19-XX.XX AND DATE CODE".

THIRD ANGLE PROJ.

REVISIONS

REV	DESCRIPTION	DATE	ECO	APPR
--	RELEASE TO MFG.	--	--	--
C	METRIC PART NUMBER UPDATED	28-Feb-17	3143	VK
D	LENGTH TABLE UPDATED, 60" & 72" LENGTHS ADDED	09-Apr-19	11202	VR



LENGTH TABLE		
PART NUMBER (IMPERIAL)	PART NUMBER (METRIC)	LENGTH 'L' IN INCHES [METERS]
175101-19-06.00	-	6.00 [0.152]
-	175101-19-M0.25	9.84 [0.250]
175101-19-12.00	-	12.00 [0.305]
175101-19-18.00	-	18.00 [0.457]
-	175101-19-M0.50	19.69 [0.500]
175101-19-24.00	-	24.00 [0.610]
-	175101-19-M0.75	29.53 [0.750]
175101-19-36.00	-	36.00 [0.914]
-	175101-19-M1.00	39.37 [1.000]
175101-19-48.00	-	48.00 [1.219]
175101-19-60.00	-	60.00 [1.524]
175101-19-72.00	-	72.00 [1.829]
-	175101-19-M2.00	78.74 [2.000]
-	175101-19-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: ____ 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		Amphenol RF www.amphenolrf.com
	SEE NOTES	CLEMENT	04-Jul-16	N STR PLUG TO N STR PLUG USING RG-58 CABLE VARIOUS LENGTH		
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: 1.6:1.0 SHEET 2 OF 2		DRAWING NO. 175101-19-XX-XX
	EAR # 7307	GOPI M	25-Jan-12	DWG SIZE		ITEM NO. 175101-19-XX-XX
	CONFIGURATION LEVEL: In Work	APPROVED	K.CAPOZZI	DATE	B	D
FINISH	CAD FILE					

Mouser Electronics

Authorized Distributor

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[175101-19-06.00](#) [175101-19-12.00](#) [175101-19-24.00](#) [175101-19-36.00](#) [175101-19-48.00](#)