

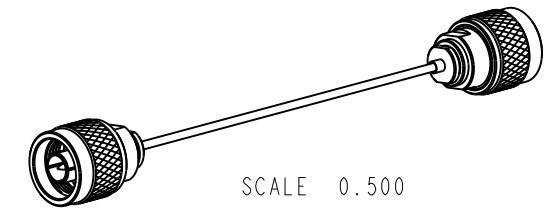
NOTES:

1. MATERIALS AND FINISHES:
 N STR SOLDER PLUG - BRASS, WHITE BRONZE PLATING
 CABLE - 0.085 SEMI-RIGID HAND CONFORMABLE
2. ELECTRICAL:
 A. IMPEDANCE: 50 OHM
3. PACKAGING:
 A. QUANTITY: SINGLE PACK
 B. MARKING: BAG TO BE MARKED
 "AMPHENOL RF, 175101-RI-XX.XX AND DATE CODE".

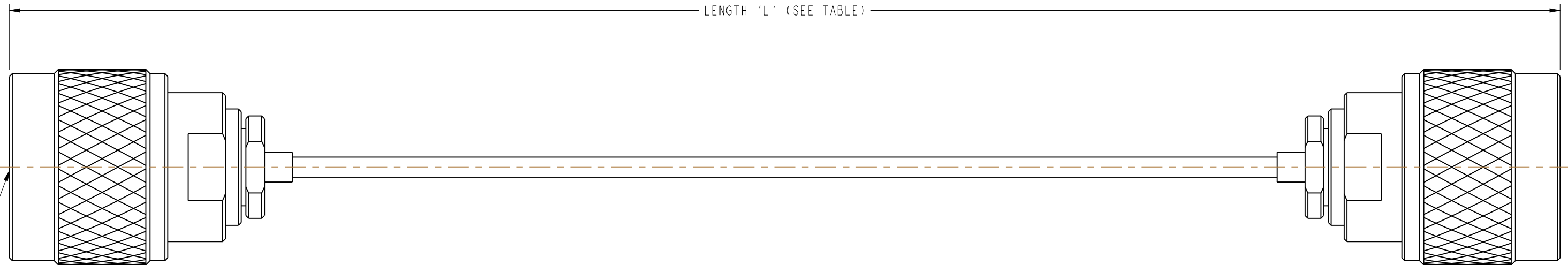
THIRD ANGLE PROJ.

REVISIONS

REV	DESCRIPTION	DATE	ECO	APPR
--	RELEASE TO MFG.	--	--	--
B	FORMAT UPDATED, 18.00" & METRIC LENGTHS ADDED	03-Oct-16	2004	VK



LENGTH 'L' (SEE TABLE)



INTERFACE PER
 MIL-STD-348
 SERIES:N PLUG
 TYP(2)

LENGTH TABLE		
PART NUMBER (IMPERIAL)	PART NUMBER (METRIC)	LENGTH 'L' IN INCHES [METERS]
175101-RI-06.00	-	6.00 [0.152]
-	175101-RI-M0.25	9.84 [0.250]
175101-RI-12.00	-	12.00 [0.305]
175101-RI-18.00	-	18.00 [0.457]
-	175101-RI-M0.50	19.69 [0.500]
175101-RI-24.00	-	24.00 [0.610]
-	175101-RI-M0.75	29.53 [0.750]
175101-RI-36.00	-	36.00 [0.914]
-	175101-RI-M1.00	39.37 [1.000]
175101-RI-48.00	-	48.00 [1.219]
-	175101-RI-M2.00	78.74 [2.000]
-	175101-RI-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 SOLDER PLUG TO N STR SOLDER PLUG, USING 0.085 SEMI-RIGID HAND CONFORMABLE CABLE, VARIOUS LENGTH		Amphenol RF www.amphenolrf.com	
	SEE NOTES	VIJI K	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: 2.3:1.0 SHEET 2 OF 2		DRAWING NO. 175101-RI-XX-XX ITEM NO. 175101-RI-XX-XX	
	EAR # 7307	GOPI M	27-Jan-12				
	CONFIGURATION LEVEL: In Work	APPROVED	DATE		DWG SIZE REV B B		PART NO. 175101-RI-XX-XX
FINISH	K.CAPOZZI	03-Oct-16					

Mouser Electronics

Authorized Distributor

Click to View Pricing, Inventory, Delivery & Lifecycle Information:

Amphenol:

[175101-R1-03.00](#) [175101-R1-04.00](#) [175101-R1-05.00](#) [175101-R1-07.00](#) [175101-R1-08.00](#) [175101-R1-09.00](#)
[175101-R1-10.00](#) [175101-R1-11.00](#)