



**THE DATASHEET OF**  
**115101-19-M3.00**



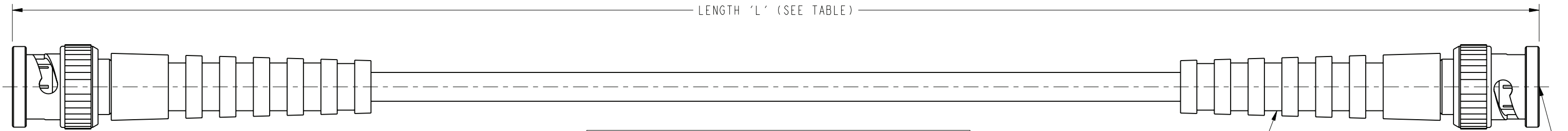
NOTES:

1. MATERIALS AND FINISHES:  
 BNC STR CRIMP PLUG - BRASS, NICKEL PLATING  
 CABLE - RG-58 COAXIAL
2. ELECTRICAL:  
 A. IMPEDANCE: 50 OHM
3. PACKAGING:  
 A. QUANTITY: SINGLE PACK  
 B. MARKING: BAG TO BE MARKED  
 "AMPHENOL RF, 115101-19-XX.XX AND DATE CODE"

THIRD ANGLE PROJ.

REVISIONS

REV	DESCRIPTION	DATE	ECO	APPR
A	RELEASE TO MFG.	30-Nov-10	--	KR
B	SEE SHEET 1	12-Mar-14	2705	MB
C	FORMAT UPDATED & LENGTH 144.00 INCH ADDED	24-Oct-16	2223	AG
D	NO CHANGES TO THIS SHEET	21-Mar-18	7381	SH

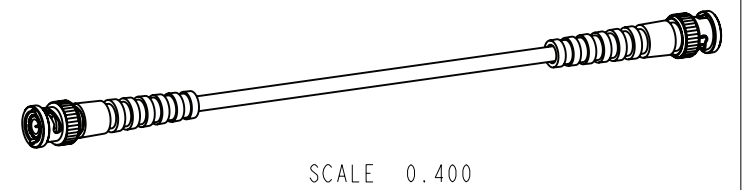


LENGTH TABLE		
PART NUMBER (IMPERIAL)	PART NUMBER (METRIC)	LENGTH IN INCHES [MM] 'L'
115101-19-06.00	-	6.00 [152.4]
	115101-19-M0.25	9.84 [250]
115101-19-12.00	-	12.00 [304.8]
115101-19-18.00	-	18.00 [457.2]
-	115101-19-M0.50	19.69 [500]
115101-19-24.00	-	24.00 [609.6]
-	115101-19-M0.75	29.53 [750]
115101-19-36.00	-	36.00 [914.4]
-	115101-19-M1.00	39.37 [1000]
115101-19-48.00	-	48.00 [1219.2]
-	115101-19-M1.25	49.21 [1250]
-	115101-19-M1.50	59.06 [1500]
115101-19-60.00	-	60.00 [1524]
115101-19-72.00	-	72.00 [1828.8]
-	115101-19-M2.00	78.74 [2000]
-	115101-19-M3.00	118.11 [3000]
115101-19-120	-	120.00 [3048]
115101-19-144	-	144.00 [3657.6]
115101-19-180	-	180.00 [4572]
	115101-19-M5.00	196.85 [5000]
115101-19-300	-	300.00 [7620]
-	115101-19-M10.00	393.70 [10000]
115101-19-600	-	600.00 [15240]
-	115101-19-M20.00	787.40 [20000]
115101-19-900	-	900.00 [22860]
-	115101-19-M30.00	1181.10 [30000]
115101-19-1200	-	1200.00 [30480]

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:**

<input checked="" type="checkbox"/> FREQUENCY: DC TO 4 GHz	<input checked="" type="checkbox"/> CONTINUITY
<input type="checkbox"/> VSWR: _____ : 1 MAX	<input checked="" type="checkbox"/> HI-POT : 500 VRMS
<input type="checkbox"/> INS. LOSS : _____ dB MAX	<input type="checkbox"/> 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 BNC STR CRIMP PLUG TO BNC STR CRIMP PLUG USING COMMERCIAL GRADE RG-58 COAXIAL CABLE, VARIOUS LENGTH SCALE: 1.5:1.0 SHEET 2 OF 2	Amphenol RF www.amphenolrf.com
	SEE NOTES	W. MARK	27-Feb-18		
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 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	DRAWING NO. 115101-19-XX-XX ITEM NO. 115101-19-XX-XX PART NO. 115101-19-XX-XX	
	EAR # 7289	KARTHIK R	30-Nov-10		
	CONFIGURATION LEVEL: In Work	APPROVED	DATE		
FINISH	KARTHIK R	30-Nov-10			
	CAD FILE			DWG SIZE	REV
				B	D

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