

NOTES:

1. MATERIALS AND FINISHES:

SMA CRIMP PLUG - P/N: 132178  
 SMA RIGHT ANGLE CRIMP PLUG - P/N: 132182  
 CABLE - RG-316/U DOUBLE BRAID CABLE

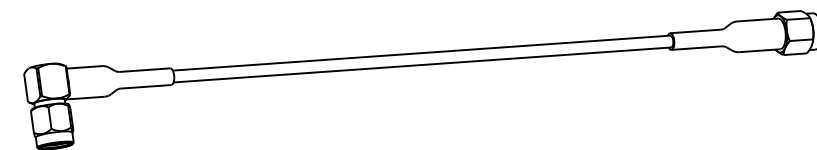
2. ELECTRICAL:

A. IMPEDANCE: 50 OHM, NOMINAL

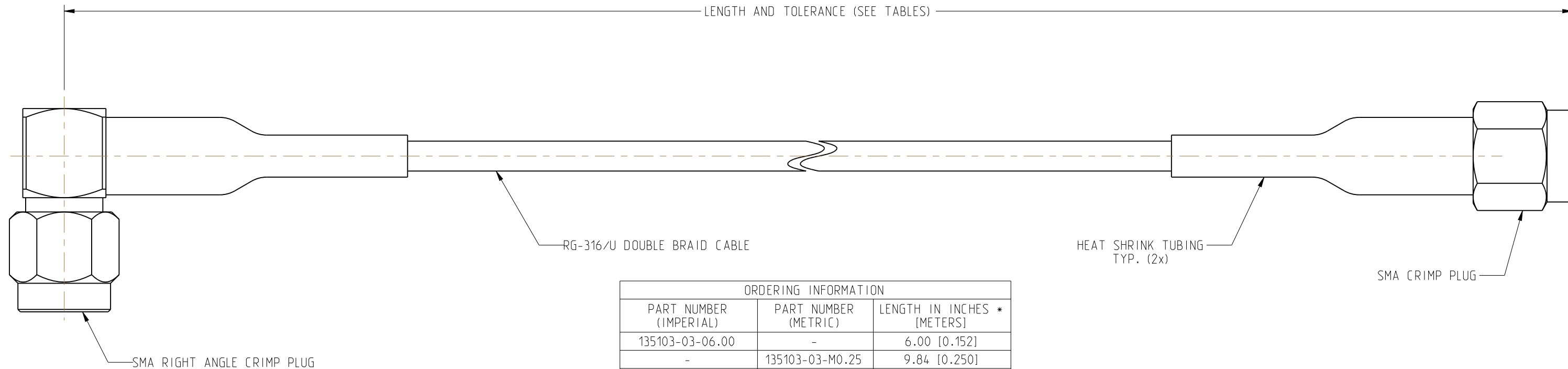
3. PACKAGING:

A. QUANTITY: SINGLE PACK  
 B. BAG TO BE MARKED: AMPHENOL RF, 135103-03-XX.XX, AND DATE CODE

135103-03-XX.XX		REVISIONS			
DRAWING NO.	REV	DESCRIPTION	DATE	ECO	APPR
THIRD ANGLE PROJ.	NC	INITIAL RELEASE	03-Feb-09	--	--
	B	SEE SHEET 1	25-Mar-14	2711	MB/BCG



SCALE 0.625



ORDERING INFORMATION		
PART NUMBER (IMPERIAL)	PART NUMBER (METRIC)	LENGTH IN INCHES * [METERS]
135103-03-06.00	-	6.00 [0.152]
-	135103-03-M0.25	9.84 [0.250]
135103-03-12.00	-	12.00 [0.305]
135103-03-18.00	-	18.00 [0.457]
-	135103-03-M0.50	19.69 [0.500]
135103-03-24.00	-	24.00 [0.610]
-	135103-03-M0.75	29.53 [0.750]
135103-03-36.00	-	36.00 [0.914]
-	135103-03-M1.00	39.37 [1.000]
135103-03-48.00	-	48.00 [1.219]

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 12.4 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 : ---- dBMAX                | <input type="checkbox"/> OTHER                        |

\* ADDITIONAL LENGTHS CAN BE PROVIDED, CONTACT AMPHENOL RF MARKETING FOR QUOTE

**CUSTOMER OUTLINE DRAWING**

ALL OTHER SHEETS ARE FOR INTERNAL USE ONLY

UNLESS OTHERWISE SPECIFIED, TOLERANCES ARE AS FOLLOWS: 2 PLACE DECIMAL ±.015 (0,381 mm)    3 PLACE DECIMAL ±.005 (0,127 mm)    ANGLES ± 1°	MATERIAL	DRAWN	DATE	TITLE	Amphenol Connex	
	SEE NOTES	MOHAN	11-Mar-14	SMA RIGHT ANGLE CRIMP PLUG TO SMA CRIMP PLUG USING, RG-316/U DOUBLE BRAID CABLE, VARIOUS LENGTHS		
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 or 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			
		B.C. GLEISSNER	11-Mar-14		SCALE: 3.0:1	SHEET 2 OF 2
			APPROVED	DATE		
		B.C. GLEISSNER	25-Mar-14			
		CAD FILE			DWG SIZE	DRAWING NO.
					B	135103-03-XX.XX
						REV B

# Mouser Electronics

Authorized Distributor

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## Amphenol:

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[135103-03-M0.75](#) [135103-03-M1.00](#)