

NOTES:

1. MATERIALS AND FINISHES:
BNC CRIMP PLUG - P/N: 112116
CABLE - RG-58 COAXIAL CABLE

2. ELECTRICAL:
A. IMPEDANCE: 50 OHM
B. FREQUENCY RANGE: DC-4.0 GHz

3. PACKAGING:
A. QUANTITY: SINGLE PACK
B. BAG TO BE MARKED: AMPHENOL RF, 115101-19-XX.XX, AND DATE CODE

115101-19-XX.XX		REVISIONS			
DRAWING NO.	REV	DESCRIPTION	DATE	ECO	APPR
THIRD ANGLE PROJ. 	A	RELEASE TO MFG.	30-Nov-10	--	KR
	B	SEE SHEET 1	12-Mar-14	2705	MB

LENGTH AND TOLERANCE (SEE TABLE)

RG-58 COAXIAL CABLE

BNC CRIMP PLUG
TYP. (2x)

STRAIN RELIEF BOOT
TYP. (2x)

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%

ORDERING INFORMATION		
PART NUMBER (IMPERIAL)	PART NUMBER (METRIC)	LENGTH IN INCHES [METERS] *
115101-19-06.00	-	6.00 [0.152]
	115101-19-M0.25	9.84 [0.250]
115101-19-12.00	-	12.00 [0.305]
115101-19-18.00	-	18.00 [0.457]
-	115101-19-M0.50	19.69 [0.500]
115101-19-24.00	-	24.00 [0.610]
-	115101-19-M0.75	29.53 [0.750]
115101-19-36.00		36.00 [0.914]
-	115101-19-M1.00	39.37 [1.000]
115101-19-48.00	-	48.00 [1.219]
-	115101-19-M1.25	49.21 [1.250]
-	115101-19-M1.50	59.06 [1.500]
115101-19-60.00	-	60.00 [1.524]
115101-19-72.00	-	72.00 [1.829]
-	115101-19-M2.00	78.74 [2.000]
-	115101-19-M3.00	118.11 [3.000]
115101-19-120	-	120.00 [3.048]
115101-19-180	-	180.00 [4.572]
	115101-19-M5.00	196.85 [5.000]
115101-19-300	-	300.00 [7.620]
-	115101-19-M10.0	393.70 [10.000]
115101-19-600	-	600.00 [15.240]
-	115101-19-M20.0	787.40 [20.000]
115101-19-900	-	900.00 [22.860]
-	115101-19-M30.0	1181.10 [30.000]
115101-19-1200	-	1200.00 [30.480]

CUSTOMER OUTLINE DRAWING
ALL OTHER SHEETS ARE FOR INTERNAL USE ONLY

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

DESIGN REQUIREMENTS:

- ☒ FREQUENCY: DC TO 4.0 GHz
- ☒ CONTINUITY
- ☐ VSWR _____ : 1 MAX
- ☒ HI-POT : 500 VRMS
- ☐ INS. LOSS _____ dB MAX
- ☐ OTHER

UNLESS OTHERWISE SPECIFIED, TOLERANCES ARE AS FOLLOWS: 2 PLACE DECIMAL 3 PLACE DECIMAL ANGLES ±.015 (0,381 mm) ±.005 (0,127 mm) ± 1°			MATERIAL	DRAWN	DATE	TITLE	Amphenol Connex			
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			ENGINEER	DATE						
			MOHAN	28-Feb-14						
						REFERENCE	APPROVED	DATE		
				B.C. GLEISSNER	12-Mar-14					
				CAD FILE			DWG SIZE	DRAWING NO.	REV	
							B	115101-19-XX.XX	B	