

NOTES:  
1. MATERIALS AND FINISHES:  
BNC CRIMP PLUG - P/N: 112119  
CABLE - RG-59 COAXIAL CABLE  
  
2. ELECTRICAL:  
A. IMPEDANCE: 75 OHM, NOMINAL  
B. FREQUENCY RANGE: DC-4.0 GHz  
  
3. PACKAGING:  
A. QUANTITY: SINGLE PACK  
B. BAG TO BE MARKED: AMPHENOL RF, 115101-20-XX.XX, AND DATE CODE

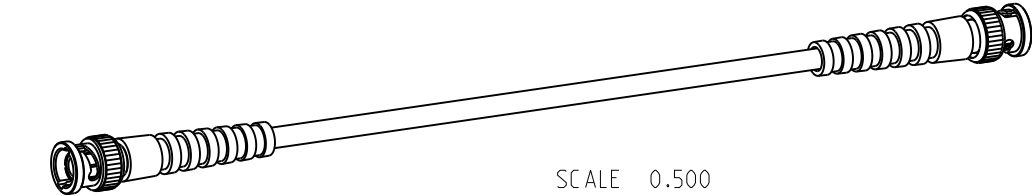
115101-20-XX.XX

| REVISIONS |                 |           |      |      |
|-----------|-----------------|-----------|------|------|
| REV       | DESCRIPTION     | DATE      | ECO  | APPR |
| A         | RELEASE TO MFG. | 30-Nov-10 | --   | KR   |
| B         | SEE SHEET 1     | 12-Mar-14 | 2705 | KR   |



| 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] * |
| 115101-20-06.00        | -                    | 6.00 [0.152]                |
|                        | 115101-20-M0.25      | 9.84 [0.250]                |
| 115101-20-12.00        | -                    | 12.00 [0.305]               |
| 115101-20-18.00        | -                    | 18.00 [0.457]               |
| -                      | 115101-20-M0.50      | 19.69 [0.500]               |
| 115101-20-24.00        | -                    | 24.00 [0.610]               |
| -                      | 115101-20-M0.75      | 29.53 [0.750]               |
| 115101-20-36.00        |                      | 36.00 [0.914]               |
| -                      | 115101-20-M1.00      | 39.37 [1.000]               |
| 115101-20-48.00        | -                    | 48.00 [1.219]               |
| -                      | 115101-20-M1.25      | 49.21 [1.250]               |
| -                      | 115101-20-M1.50      | 59.06 [1.500]               |
| 115101-20-60.00        | -                    | 60.00 [1.524]               |
| 115101-20-72.00        | -                    | 72.00 [1.829]               |
| -                      | 115101-20-M2.00      | 78.74 [2.000]               |
| -                      | 115101-20-M3.00      | 118.11 [3.000]              |
| 115101-20-120          | -                    | 120.00 [3.048]              |
| 115101-20-180          | -                    | 180.00 [4.572]              |
|                        | 115101-20-M5.00      | 196.85 [5.000]              |
| 115101-20-300          | -                    | 300.00 [7.620]              |
| -                      | 115101-20-M10.0      | 393.70 [10.000]             |
| 115101-20-600          | -                    | 600.00 [15.240]             |
| -                      | 115101-20-M20.0      | 787.40 [20.000]             |
| 115101-20-900          | -                    | 900.00 [22.860]             |
| -                      | 115101-20-M30.0      | 1181.10 [30.000]            |
| 115101-20-1200         | -                    | 1200.00 [30.480]            |



DESIGN REQUIREMENTS:

☒ FREQUENCY: DC TO 4.0 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

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

|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |                       |                            |                           |                    |                   |                                                                                                                 |                    |          |  |
|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------------------|----------------------------|---------------------------|--------------------|-------------------|-----------------------------------------------------------------------------------------------------------------|--------------------|----------|--|
| UNLESS OTHERWISE SPECIFIED, TOLERANCES ARE AS FOLLOWS:<br>2 PLACE DECIMAL      3 PLACE DECIMAL      ANGLES<br>±.015 (0,381 mm)      ±.005 (0,127 mm)      ± 1°                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |                       |                            | MATERIAL<br><br>SEE NOTES | DRAWN<br>KARTHIK R | DATE<br>28-Feb-14 | TITLE<br>BNC CRIMP PLUG<br>TO BNC CRIMP PLUG<br>USING, COMMERCIAL GRADE<br>RG-59 COAXIAL CABLE,<br>XX.XX LENGTH | Amphenol<br>Connex |          |  |
| 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. | ENGINEER<br>KARTHIK R | DATE<br>28-Feb-14          |                           |                    |                   |                                                                                                                 |                    |          |  |
|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       | REFERENCE             | APPROVED<br>B.C. GLEISSNER | DATE<br>12-Mar-14         | SCALE: 2.0:1       |                   |                                                                                                                 | SHEET      2 OF 2  |          |  |
|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |                       | CAD FILE                   |                           |                    |                   |                                                                                                                 |                    |          |  |
|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |                       |                            |                           |                    | DWG SIZE<br>B     | DRAWING NO.<br>115101-20-XX.XX                                                                                  |                    | REV<br>B |  |

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Website :

Welcome to visit [www.ameya360.com](http://www.ameya360.com)

Contact Us :

➤ Address :

401 Building No.5, JiuGe Business Center, Lane 2301, Yishan Rd  
Minhang District, Shanghai , China

➤ Sales :

Direct +86 (21) 6401-6692

Email [amall@ameya360.com](mailto:amall@ameya360.com)

QQ 800077892

Skype ameyasales1 ameyasales2

➤ Customer Service :

Email [service@ameya360.com](mailto:service@ameya360.com)

➤ Partnership :

Tel +86 (21) 64016692-8333

Email [mkt@ameya360.com](mailto:mkt@ameya360.com)