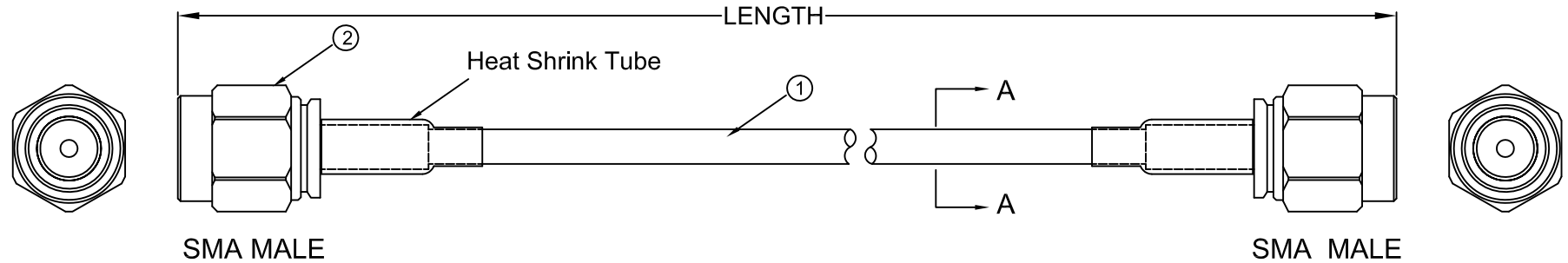


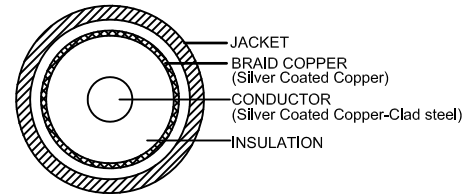
THE INFORMATION CONTAINED IN THIS DRAWING IS THE SOLE PROPERTY OF AMPHENOL CABLES ON DEMAND. ANY REPRODUCTION OR DISCLOSURE, TO THIRD PARTIES, IN PART OR WHOLE, WITHOUT THE EXPRESS WRITTEN PERMISSION OF AMPHENOL CABLES ON DEMAND IS PROHIBITED.

| REVISIONS |                                          |             |          |
|-----------|------------------------------------------|-------------|----------|
| REV.      | DESCRIPTION                              | DATE        | APPROVED |
| A         | NEW RELEASE                              | 06/Aug/09   |          |
| A1        | ADDED LENGTH 15FT, 25FT, 50FT.           | 4/Jun/2024  | BA       |
| A2        | change drawn from LF to LU, upgrade BOM. | 27/May/2025 |          |



#### NOTES:

- CABLE:[26AWG(7/0.17mm)\*1C+BRAID(16\*5/0.10mm)]  
INSULATION:FEP(Teflon) OD= 1.5±0.05mm ;COLOR:NATURAL  
JACKET:FEP(Teflon) ;OD=Ø2.54±0.10mm  
COLOR:BROWN TRANSPARENT.  
(The outer jacket operating temperature can be 200 degree C)  
MARKING:RG316/U COAXIAL CABLE 50 OHM RoHS
  - CONNECTOR:SMA Male GOLD-PLATING
  - OPEN/SHORT MISS WIRE TEST 100%
  - CONDUCTOR RESISTANCE  $\leq 375\Omega/\text{km}$
  - INSULATION RESISTANCE  $\geq 2\text{M}\Omega$  DC300V 0.01Sec
- ALL MATERIALS SHALL ACCORD WITH RoHS STANDARD.

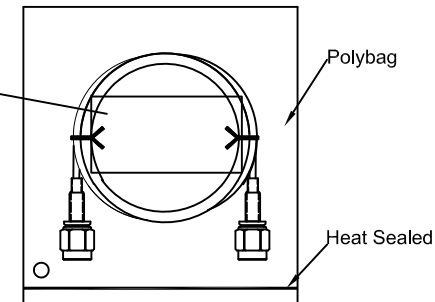
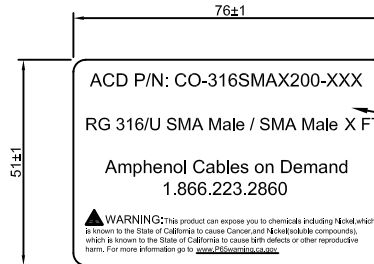


#### PIN OUT:

CENTER ——— CENTER  
SHELL ——— SHELL

LENGTH & P/N Table

| LENGTH            | CUSTOMER P/N        |
|-------------------|---------------------|
| 1FT(305±20mm)     | CO-316SMAX200-001   |
| 2FT(610±30mm)     | CO-316SMAX200-002   |
| 3FT(914±30mm)     | CO-316SMAX200-003   |
| 4FT(1219±30mm)    | CO-316SMAX200-004   |
| 5FT(1524±30mm)    | CO-316SMAX200-005   |
| 7.5FT(2286±40mm)  | CO-316SMAX200-007.5 |
| 10FT(3048±40mm)   | CO-316SMAX200-010   |
| 15FT(4572±75mm)   | CO-316SMAX200-015   |
| 25FT(7620±100mm)  | CO-316SMAX200-025   |
| 50FT(15240±200mm) | CO-316SMAX200-050   |



|                                                                                       |  |            |  |                                                               |  |                              |
|---------------------------------------------------------------------------------------|--|------------|--|---------------------------------------------------------------|--|------------------------------|
| UNLESS OTHERWISE SPECIFIED<br>DIMENSIONS ARE IN INCHES<br>TOLERANCES ARE:             |  | EAR NO.    |  | Amphenol Cables on Demand<br>20 VALLEY ST. ENDICOTT, NY 13760 |  |                              |
| DECIMALS                                                                              |  | APPROVALS  |  | DATE                                                          |  | RG 316/U SMA Male / SMA Male |
| .X ±X                                                                                 |  | DRAWN LU   |  | 25.05.28                                                      |  |                              |
| .XX ±XX                                                                               |  | CHECKED BA |  | 25.05.28                                                      |  |                              |
| .XXX ±XXX                                                                             |  | RESP ENG   |  |                                                               |  |                              |
| THIRD ANGLE PROJECTION                                                                |  | MFG ENG    |  | SIZE DWG. NO.                                                 |  | REV.                         |
|  |  |            |  | A CO-316SMAX200-XXX                                           |  | A2                           |
| CAD FILE:                                                                             |  |            |  | SCALE                                                         |  | SHEET OF                     |

NOTES: UNLESS OTHERWISE SPECIFIED