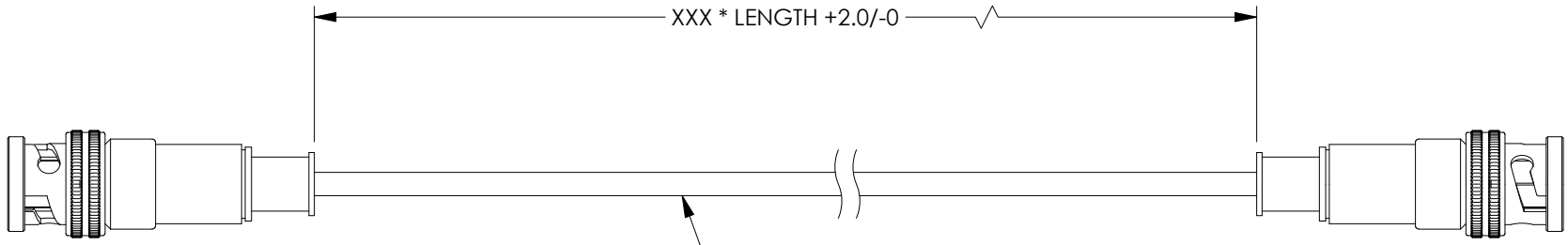


PROPRIETARY NOTICE

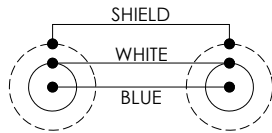
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| REV | REVISIONS       |         |             |
|-----|-----------------|---------|-------------|
|     | DESCRIPTION     | DATE    | APPROVED    |
| A   | INITIAL RELEASE | 6/19/17 | D.FRISIELLO |
|     |                 |         |             |
|     |                 |         |             |



2X, 3-SLOT PLUG  
VACUUM RATED

M17/176-00002, 78 OHM TWINAX CABLE  
JACKET: PFA, BLUE  
NOM. DIA: .129" [3.28],  
OPER. TEMP: -55 °C TO +200 °C



WIRING MAP

| LENGTH CODE CHART |                              |                             |
|-------------------|------------------------------|-----------------------------|
| CABLE # & LENGTH  | LENGTH SYMBOL                | EXAMPLES OF PART # USED     |
| MSA00001-XXN      | WHERE XXX = LENGTH IN INCHES | MSA-00001-12N (12.0 INCHES) |

NOTES:

- \*XXX = LENGTH IN INCHES
- CONNECTORS ARE DESIGNED AND MANUFACTURED WITH MATERIALS THAT MEET THE TML (TOTAL MASS LOSS) OR OUT GASSING REQUIREMENTS OF NASA.
- NO LABELS ALLOWED ON THIS CABLE ASSEMBLY.
- CABLE ASSEMBLY SHALL BE TESTED FOR CONTINUITY.

REGULATORY COMPLIANCE:  
CE2011/65/EU (RoHS DIRECTIVE)

NON CONTROLLED DRAWING IF PRINTED

| AS9100C CERTIFIED |           |         | CAD SYSTEM DRAWING - DO NOT REVISE MANUALLY  |                                  |                  |   |
|-------------------|-----------|---------|--|----------------------------------|------------------|---|
| DASH              | NEXT ASSY | USED ON | UNLESS OTHERWISE SPECIFIED ALL DIMENSIONS ARE IN INCHES  | SIGNATURE                        | DATE             | <br>MILESTEK CORPORATION<br>1506 INTERSTATE 35 WEST<br>DENTON, TX 76207<br>PHONE: 866.524.1553<br>FAX: 940.591.7086 |
|                   |           |         | OVERALL CABLE LENGTH TOLERANCE:<br>≤12 [305] = +1 [25] / -0<br>>12 [305] ≤60 [1524] = +2 [51] / -0<br>>60 [1524] ≤120 [3048] = +4 [102] / -0<br>>120 [3048] ≤300 [7620] = +6 [152] / -0<br>>300 [7620] = +5% / -0% | DRAWN BY:<br>D.FRISIELLO         | 6/14/17          |   |
|                   |           |         | ALL OTHER DIMENSIONAL TOLERANCES:<br>X = ±.2 [5.08]<br>XX = ±.02 [51]<br>XXX = ±.005 [13]  | CHECKED BY:<br>M.HEARN           | 6/19/17          | TITLE<br>CA VACUUM TRB P-P  |
|                   |           |         | CUSTOMER REFERENCE DOCUMENT:   | APPROVED ENGINEERING:<br>M.HEARN | 6/19/17          | SIZE<br><b>A</b>  |
|                   |           |         | APPLICATION  | APPROVED MANUFACTURING:          |                  | DRAWING NUMBER:<br>MSA00001   |
|                   |           |         |  | CUSTOMER APPROVAL                |                  | SCALE: NTS  |
|                   |           |         |  |                                  | CAGE CODE: 42977 | SHEET 1 OF 1  |