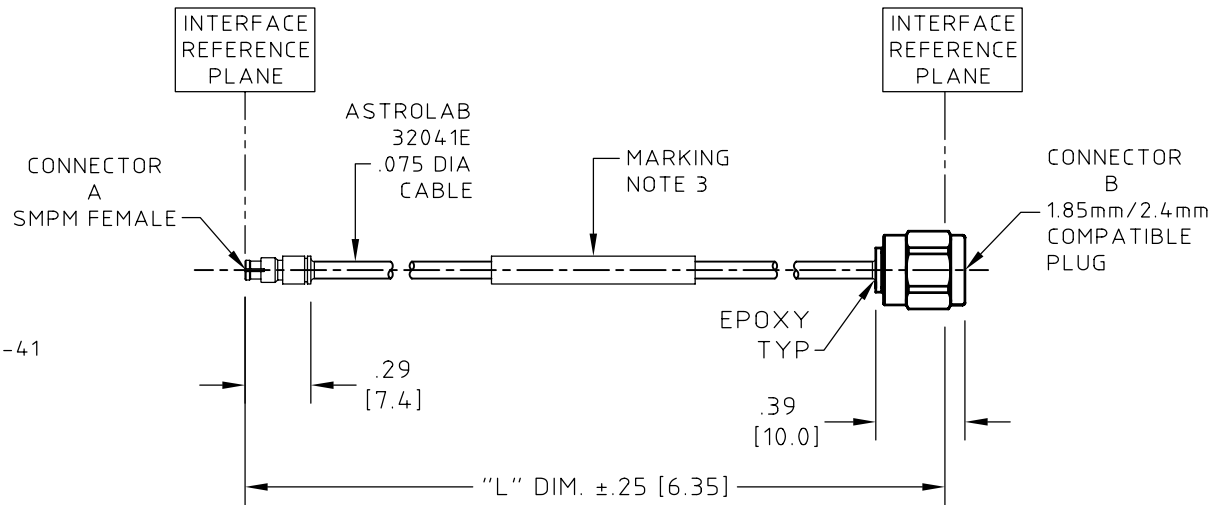


- NOTES:
1. MATERIALS AND FINISHES  
CABLE,  
COAXIAL, FLEXIBLE, ASTROLAB 32041E.  
CONNECTOR A  
SMPM FEMALE, ASTROLAB P/N 29971CR-32-41  
CONNECTOR B  
2.4mm/1.85mm PLUG, ASTROLAB P/N 29890CR-32-41
  2. TECHNICAL DATA:  
OPERATING TEMPERATURE . . . . -55°C TO +125°C.
  3. MARKING: LOOSE SLEEVE ON CABLE AS FOLLOWS:  
"microbend"



| ASSEMBLY NO.      | REF. NO.                   | DIM. "L"      | 12.4 GHz |          | 18.0 GHz |          | 40.0 GHz |          | 65.0 GHz |          |
|-------------------|----------------------------|---------------|----------|----------|----------|----------|----------|----------|----------|----------|
|                   |                            |               | VSWR     | LOSS, dB | VSWR     | LOSS, dB | VSWR     | LOSS, dB | VSWR     | LOSS, dB |
| microbend MVR-2.5 | 32041E-29971CR-29890CR-2.5 | 2.50 (63.5)   | 1.33 : 1 | 0.51     | 1.40:1   | 0.62     | 1.60:1   | 1.07     | 1.80:1   | 1.42     |
| microbend MVR-3   | 32041E-29971CR-29890CR-3   | 3.00 (76.2)   | 1.33 : 1 | 0.56     | 1.40:1   | 0.68     | 1.60:1   | 1.16     | 1.80:1   | 1.54     |
| microbend MVR-3.5 | 32041E-29971CR-29890CR-3.5 | 3.50 (88.9)   | 1.33 : 1 | 0.61     | 1.40:1   | 0.74     | 1.60:1   | 1.26     | 1.80:1   | 1.66     |
| microbend MVR-4   | 32041E-29971CR-29890CR-4   | 4.00 (101.6)  | 1.33 : 1 | 0.66     | 1.40:1   | 0.80     | 1.60:1   | 1.35     | 1.80:1   | 1.79     |
| microbend MVR-4.5 | 32041E-29971CR-29890CR-4.5 | 4.50 (114.3)  | 1.33 : 1 | 0.71     | 1.40:1   | 0.86     | 1.60:1   | 1.44     | 1.80:1   | 1.91     |
| microbend MVR-5   | 32041E-29971CR-29890CR-5   | 5.00 (127.0)  | 1.33 : 1 | 0.76     | 1.40:1   | 0.92     | 1.60:1   | 1.54     | 1.80:1   | 2.03     |
| microbend MVR-5.5 | 32041E-29971CR-29890CR-5.5 | 5.50 (139.7)  | 1.33 : 1 | 0.81     | 1.40:1   | 0.98     | 1.60:1   | 1.63     | 1.80:1   | 2.16     |
| microbend MVR-6   | 32041E-29971CR-29890CR-6   | 6.00 (152.4)  | 1.33 : 1 | 0.86     | 1.40:1   | 1.05     | 1.60:1   | 1.73     | 1.80:1   | 2.28     |
| microbend MVR-7   | 32041E-29971CR-29890CR-7   | 7.00 (177.8)  | 1.33 : 1 | 0.95     | 1.40:1   | 1.17     | 1.60:1   | 1.91     | 1.80:1   | 2.53     |
| microbend MVR-8   | 32041E-29971CR-29890CR-8   | 8.00 (203.2)  | 1.33 : 1 | 1.05     | 1.40:1   | 1.29     | 1.60:1   | 2.10     | 1.80:1   | 2.77     |
| microbend MVR-9   | 32041E-29971CR-29890CR-9   | 9.00 (228.6)  | 1.33 : 1 | 1.15     | 1.40:1   | 1.41     | 1.60:1   | 2.29     | 1.80:1   | 3.02     |
| microbend MVR-10  | 32041E-29971CR-29890CR-10  | 10.00 (254.0) | 1.33 : 1 | 1.25     | 1.40:1   | 1.53     | 1.60:1   | 2.48     | 1.80:1   | 3.27     |
| microbend MVR-11  | 32041E-29971CR-29890CR-11  | 11.00 (279.4) | 1.33 : 1 | 1.35     | 1.40:1   | 1.65     | 1.60:1   | 2.66     | 1.80:1   | 3.51     |
| microbend MVR-12  | 32041E-29971CR-29890CR-12  | 12.00 (304.8) | 1.33 : 1 | 1.45     | 1.40:1   | 1.77     | 1.60:1   | 2.85     | 1.80:1   | 3.76     |

|                       |                      |                            |   |  |   |
|-----------------------|----------------------|----------------------------|---|--|---|
| Issue May2004         | www.astrolab.com     | UNLESS OTHERWISE SPECIFIED |   |  <b>astrolab</b> <sup>®</sup> INC.<br>4 POWDER HORN DRIVE<br>WARREN NJ 07059<br>USA | <b>CABLE ASSEMBLY, SMPM FEMALE TO<br/>         2.4mm/1.85mm PLUG<br/>         RUGGEDIZED 32041E CABLE</b> |
|                       | Phone 1.732.560.3800 | FRACTIONS                  | ± 1/16  |  |   |
|                       | Fax 1.732.560.9570   | X                          | ± .030  |  |   |
|                       |                      | XX                         | ± .015  |  |   |
|                       |                      | XXX                        | ± .005  |  |   |
| Code Ident. No. 16301 | ANGLES               | ± 1°                       |  <b>microbend MVR-XX</b> |  |   |