

NOTES:

1. MATERIALS AND FINISHES

- CABLE,
COAXIAL, FLEXIBLE, ASTROLAB 32081.
- CONNECTOR A
SMP FEMALE, ASTROLAB P/N 29473C-32-81
- CONNECTOR B
SMP FEMALE, ASTROLAB P/N 29473C-32-81

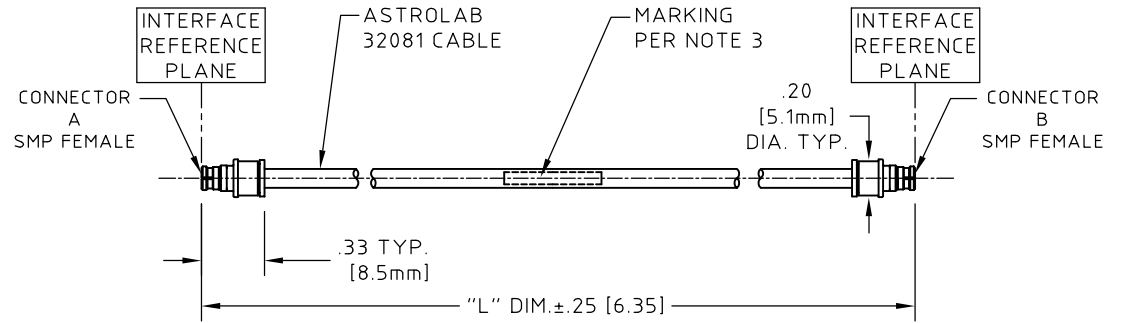
2. TECHNICAL DATA:

OPERATING TEMPERATURE -45°C TO +85°C.

3. MARKING APPROXIMATELY CENTERED DIRECTLY ON CABLE AS FOLLOWS:

"MINIBEND 2S-XX YYWW"

WHERE "XX" IS THE LENGTH OF THE CABLE ASSEMBLY, AND "YYWW"
IS THE DATE CODE, YEAR AND WEEK DETERMINED BY PRODUCTION DATE.



| ASSEMBLY NO. | REF. NO. | DIM. "L" | 2.0 GHz VSWR | 2.0 GHz I.L. dB | 12.4 GHz VSWR | 12.4 GHz I.L. dB | 18 GHz VSWR | 18 GHz I.L. dB |
|-----------------|--------------------|---------------|-----------------|--------------------|------------------|---------------------|----------------|-------------------|
| MINIBEND 2S-2.5 | 32081-2-29473C-2.5 | 2.50 (63.5) | 1.25:1 | 0.21 | 1.35:1 | 0.44 | 1.50:1 | 0.66 |
| MINIBEND 2S-3 | 32081-2-29473C-3 | 3.00 (76.2) | 1.25:1 | 0.22 | 1.35:1 | 0.48 | 1.50:1 | 0.71 |
| MINIBEND 2S-3.5 | 32081-2-29473C-3.5 | 3.50 (88.9) | 1.25:1 | 0.24 | 1.35:1 | 0.52 | 1.50:1 | 0.76 |
| MINIBEND 2S-4 | 32081-2-29473C-4 | 4.00 (101.6) | 1.25:1 | 0.26 | 1.35:1 | 0.56 | 1.50:1 | 0.81 |
| MINIBEND 2S-4.5 | 32081-2-29473C-4.5 | 4.50 (114.3) | 1.25:1 | 0.27 | 1.35:1 | 0.62 | 1.50:1 | 0.86 |
| MINIBEND 2S-5 | 32081-2-29473C-5 | 5.00 (127.0) | 1.25:1 | 0.29 | 1.35:1 | 0.65 | 1.50:1 | 0.91 |
| MINIBEND 2S-5.5 | 32081-2-29473C-5.5 | 5.50 (139.7) | 1.25:1 | 0.30 | 1.35:1 | 0.70 | 1.50:1 | 0.96 |
| MINIBEND 2S-6 | 32081-2-29473C-6 | 6.00 (152.4) | 1.25:1 | 0.32 | 1.35:1 | 0.73 | 1.50:1 | 1.01 |
| MINIBEND 2S-6.5 | 32081-2-29473C-6.5 | 6.50 (165.1) | 1.25:1 | 0.33 | 1.35:1 | 0.78 | 1.50:1 | 1.06 |
| MINIBEND 2S-7 | 32081-2-29473C-7 | 7.00 (177.8) | 1.25:1 | 0.35 | 1.35:1 | 0.82 | 1.50:1 | 1.11 |
| MINIBEND 2S-8 | 32081-2-29473C-8 | 8.00 (203.2) | 1.25:1 | 0.38 | 1.35:1 | 0.90 | 1.50:1 | 1.21 |
| MINIBEND 2S-9 | 32081-2-29473C-9 | 9.00 (228.6) | 1.25:1 | 0.41 | 1.35:1 | 0.99 | 1.50:1 | 1.31 |
| MINIBEND 2S-10 | 32081-2-29473C-10 | 10.00 (254.0) | 1.25:1 | 0.44 | 1.35:1 | 1.06 | 1.50:1 | 1.40 |
| MINIBEND 2S-11 | 32081-2-29473C-11 | 11.00 (279.4) | 1.25:1 | 0.47 | 1.35:1 | 1.15 | 1.50:1 | 1.50 |
| MINIBEND 2S-12 | 32081-2-29473C-12 | 12.00 (304.8) | 1.25:1 | 0.50 | 1.35:1 | 1.23 | 1.50:1 | 1.58 |
| MINIBEND 2S-13 | 32081-2-29473C-13 | 13.00 (330.2) | 1.25:1 | 0.53 | 1.35:1 | 1.31 | 1.50:1 | 1.69 |
| MINIBEND 2S-14 | 32081-2-29473C-14 | 14.00 (355.6) | 1.25:1 | 0.56 | 1.35:1 | 1.38 | 1.50:1 | 1.78 |
| MINIBEND 2S-15 | 32081-2-29473C-15 | 15.00 (381.0) | 1.25:1 | 0.60 | 1.35:1 | 1.48 | 1.50:1 | 1.89 |
| MINIBEND 2S-16 | 32081-2-29473C-16 | 16.00 (406.4) | 1.25:1 | 0.63 | 1.35:1 | 1.55 | 1.50:1 | 1.98 |

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|---------------|--|--|---|--|--------|---|--------|----|--------|-----|--------|--------|
| Issue Jan2002 | www.astrolab.com Phone 1.732.560.3800 Fax 1.732.560.9570 | UNLESS OTHERWISE SPECIFIED |  ASTROLAB[®] INC. 4 POWDER HORN DRIVE WARREN NJ 07059 USA | CABLE ASSEMBLY, MINIBEND SMP FEMALE TO SMP FEMALE | | | | | | | | |
| | Code Ident. No. 16301 | <table border="1" style="width: 100%; border-collapse: collapse;"> <tr><td style="padding: 2px;">FRACTIONS</td><td style="padding: 2px;">± 1/16</td></tr> <tr><td style="padding: 2px;">X</td><td style="padding: 2px;">± .030</td></tr> <tr><td style="padding: 2px;">XX</td><td style="padding: 2px;">± .015</td></tr> <tr><td style="padding: 2px;">XXX</td><td style="padding: 2px;">± .005</td></tr> <tr><td style="padding: 2px;">ANGLES</td><td style="padding: 2px;">± 1°</td></tr> </table> | | FRACTIONS | ± 1/16 | X | ± .030 | XX | ± .015 | XXX | ± .005 | ANGLES |
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