ASSEMBLY NO.	DIM. "L"	1.0 GHz VSWR	1.0 GHz LOSS, dB	12.4 GHz VSWR	12.4 GHz LOSS, dB	18 GHz VSWR	18 GHz LOSS, dB	26.5 GHz VSWR	26.5 GHz LOSS, dB
minibend L-2.5	2.50 (63.50)	1.16	0.13	1.25	0.33	1.37	0.44	1.45	0.54
minibend L-3	3.00 (76.20)	1.16	0.14	1.25	0.36	1.37	0.47	1.45	0.58
minibend L-3.5	3.50 (88.90)	1.16	0.15	1.25	0.39	1.37	0.51	1.45	0.63
minibend L-4	4.00 (101.60)	1.16	0.16	1.25	0.42	1.37	0.54	1.45	0.67
minibend L-4.5	4.50 (114.30)	1.16	0.17	1.25	0.45	1.37	0.58	1.45	0.72
minibend L-5	5.00 (127.00)	1.16	0.18	1.25	0.48	1.37	0.62	1.45	0.76
minibend L-5.5	5.50 (139.70)	1.16	0.19	1.25	0.51	1.37	0.65	1.45	0.80
minibend L-6	6.00 (152.40)	1.16	0.20	1.25	0.54	1.37	0.69	1.45	0.85
minibend L-6.5	6.50 (165.10)	1.16	0.21	1.25	0.57	1.37	0.72	1.45	0.89
minibend L-7	7.00 (177.80)	1.16	0.22	1.25	0.60	1.37	0.76	1.45	0.94
minibend L-8	8.00 (203.20)	1.16	0.25	1.25	0.66	1.37	0.84	1.45	1.03
minibend L-9	9.00 (228.60)	1.16	0.26	1.25	0.73	1.37	0.91	1.45	1.12
minibend L-10	10.00 (254.00)	1.16	0.28	1.25	0.79	1.37	0.98	1.45	1.21
minibend L-11	11.00 (279.40)	1.16	0.30	1.25	0.85	1.37	1.06	1.45	1.30
minibend L-12	12.00 (304.80)	1.16	0.31	1.25	0.91	1.37	1.13	1.45	1.39
minibend L-13	13.00 (330.20)	1.16	0.33	1.25	0.97	1.37	1.20	1.45	1.48
minibend L-14	14.00 (355.60)	1.16	0.35	1.25	1.03	1.37	1.28	1.45	1.57
minibend L-15	15.00 (381.00)	1.16	0.37	1.25	1.10	1.37	1.35	1.45	1.66
minibend L-16	16.00 (406.40)	1.16	0.39	1.25	1.17	1.37	1.42	1.45	1.75
minibend L-									

CONTROL DRAWING

minibend L-XX

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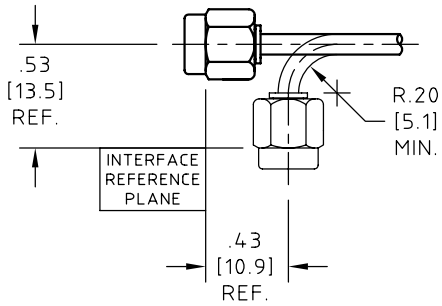
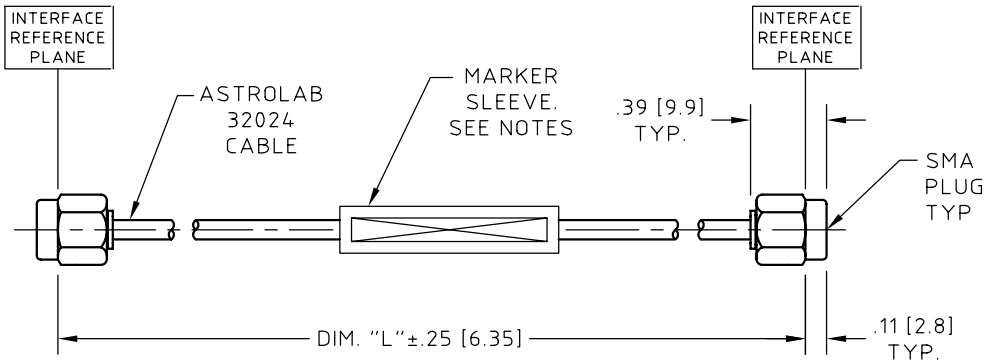


SHOWN ABOVE IS TYPICAL INSTALLATION.

ROHS 5/6 COMPLIANT

NOTES:
1. DESCRIPTION,
   CABLE ASSEMBLY, SMA PLUG
   TO SMA PLUG.
2. CABLE,
   COAXIAL CABLE ASTROLAB P/N 32024
   MEETS OR EXCEEDS MIL-DTL-17
   SEE ASTROLAB CONTROL DRAWING
   FOR MATERIALS AND FINISHES.
3. CONNECTOR -A-, SMA PLUG:
   ASTROLAB P/N 29094C-32-24
   IAW MIL-STD-348.
   SEE ASTROLAB CONTROL DRAWING
   FOR MATERIALS AND FINISHES.
4. CONNECTOR -B-, SMA PLUG:
   SAME AS CONNECTOR -A-.
5. MARKING:
   LOOSE, WHITE SLEEVING CAPTIVATED ON THE CABLE ASSEMBLY.
   MARKING WILL INCLUDE THE ASTROLAB PART NUMBER, CAGE CODE
   AND DATE CODE OF DATE OF MANUFACTURE. OTHER MARKING
   AS DEFINED BY CUSTOMER.
   NO MARKING ON CABLE ASSEMBLIES SHORTER
   THAN 3.0", MARKING ON PACKING ONLY.
6. ELECTRICAL CHARACTERISTICS:
   IMPEDANCE,
   50.0 Ohms NOMINAL.
   FREQUENCY, INSERTION LOSS AND VSWR
   SEE CHART.
7. MECHANICAL:
   OPERATING TEMPERATURE RANGE,
   -55° C TO +125° C.
   PULL STRENGTH TO 15.0 LBS. [67 N].



	NAME	DATE
PREP.	GSG	08/11/98
ELEC.	RF	08/12/98
MECH.	GSG	08/12/98
Q.C.		

astROLAB® INC.
WARREN, NJ

THIS DRAWING CONTAINS PATENTABLE AND PROPRIETARY INFORMATION. THE DESIGN CANNOT BE USED WITHOUT WRITTEN PERMISSION OF ASTROLAB

UNLESS OTHERWISE SPECIFIED
CONCENTRICITY .004 T.I.R.
CORNERS AND FILLETS .005
MAX. RADIUS OR CHAMFER.
SURFACE FINISH 63 RMS
MICROINCHES OR BETTER.

FRACTIONS	± 1/16
X	± .030
XX	± .015
XXX	± .005
ANGLES	± 1°
DO NOT SCALE DRAWING	

TITLE
CABLE ASSEMBLY, minibend L TYPE, SMA PLUG TO SMA PLUG.

THDS. TO BE IN ACCORD WITH U.S. DEPT. OF COMM. SCREW THD. STDS. FOR FEDERAL SERVICES 1950 SUPL. TO HANDBOOK H 28.

SCALE	CODE IDENT.	DWG NO.	REV
1:1	16301	minibend L-XX	U

REV.	DESCRIPTION	DATE	BY	APPROVED
U	ECN No. 13954	05/23/11	EF	