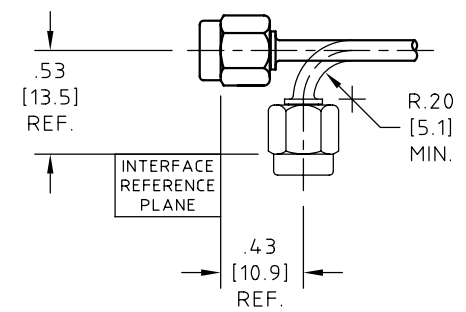


ASSEMBLY NO.	DIM. "L"	1.0 GHz VSWR	1.0 GHz LOSS, dB	12.4 GHz VSWR	12.4 GHz LOSS, dB	18 GHz VSWR	18 GHz LOSS, dB	26.5 GHz VSWR	26.5 GHz LOSS, dB
minibend LR-2.5	2.50 (63.50)	1.16	0.13	1.25	0.33	1.37	0.44	1.45	0.54
minibend LR-3	3.00 (76.20)	1.16	0.14	1.25	0.36	1.37	0.47	1.45	0.58
minibend LR-3.5	3.50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

CONTROL DRAWING

minibend LR-XX

N

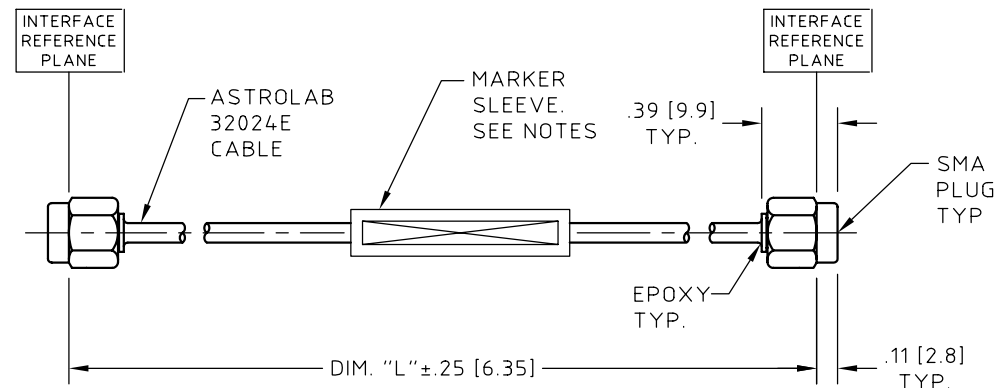


SHOWN ABOVE IS TYPICAL INSTALLATION.

ROHS 5/6 COMPLIANT

NOTES:

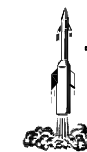
- DESCRIPTION:
CABLE ASSEMBLY, SMA PLUG TO SMA PLUG, RUGGEDIZED.
- CABLE:
COAXIAL CABLE ASTROLAB P/N 32024E MEETS OR EXCEEDS MIL-DTL-17 SEE ASTROLAB CONTROL DRAWING FOR MATERIALS AND FINISHES.
- CONNECTOR -A-, SMA PLUG:
ASTROLAB P/N 29094CR-32-24 IAW MIL-STD-348. SEE ASTROLAB CONTROL DRAWING FOR MATERIALS AND FINISHES.
- CONNECTOR -B-, SMA PLUG:
SAME AS CONNECTOR -A-.
- 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.
- ELECTRICAL CHARACTERISTICS:
IMPEDANCE, 50.0 Ohms NOMINAL.
FREQUENCY, INSERTION LOSS AND VSWR SEE CHART.
- MECHANICAL:
OPERATING TEMPERATURE RANGE, -55° C TO +125° C.
PULL STRENGTH TO 25.0 LBS. [111 N].



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	

NAME	DATE
PREP. IS	07/12/01
ELEC.	
MECH.	
Q.C.	



ASTROLAB® INC.
WARREN, NJ

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

TITLE CABLE ASSEMBLY, minibend L TYPE, SMA PLUG TO SMA PLUG, RUGGEDIZED		SCALE 1:1	CODE IDENT. 16301	DWG NO. minibend LR-XX	REV N
THDS. TO BE IN ACCORD WITH U.S. DEPT. OF COMM. SCREW THD. STDS. FOR FEDERAL SERVICES 1950 SUPL. TO HANDBOOK H 28.					

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