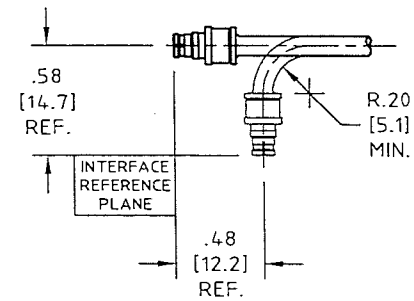


ASSEMBLY NO.	DIM. "L"	2.0 GHz		12.4 GHz		18.0 GHz	
		VSWR	I.L. dB	VSWR	I.L. dB	VSWR	I.L. dB
minibend L2SR-2.5	2.50 (63.5)	1.25:1	0.20	1.35:1	0.42	1.50:1	0.59
minibend L2SR-3	3.00 (76.2)	1.25:1	0.21	1.35:1	0.46	1.50:1	0.64
minibend L2SR-3.5	3.50 (88.9)	1.25:1	0.22	1.35:1	0.49	1.50:1	0.69
minibend L2SR-4	4.00 (101.6)	1.25:1	0.24	1.35:1	0.52	1.50:1	0.72
minibend L2SR-4.5	4.50 (114.3)	1.25:1	0.25	1.35:1	0.55	1.50:1	0.76
minibend L2SR-5	5.00 (127.0)	1.25:1	0.26	1.35:1	0.58	1.50:1	0.80
minibend L2SR-5.5	5.50 (139.7)	1.25:1	0.27	1.35:1	0.61	1.50:1	0.83
minibend L2SR-6	6.00 (152.4)	1.25:1	0.29	1.35:1	0.64	1.50:1	0.87
minibend L2SR-6.5	6.50 (165.1)	1.25:1	0.30	1.35:1	0.67	1.50:1	0.91
minibend L2SR-7	7.00 (177.8)	1.25:1	0.31	1.35:1	0.70	1.50:1	0.94
minibend L2SR-8	8.00 (203.2)	1.25:1	0.33	1.35:1	0.76	1.50:1	1.02
minibend L2SR-9	9.00 (228.6)	1.25:1	0.36	1.35:1	0.83	1.50:1	1.09
minibend L2SR-10	10.00 (254.0)	1.25:1	0.38	1.35:1	0.89	1.50:1	1.16
minibend L2SR-11	11.00 (279.4)	1.25:1	0.41	1.35:1	0.95	1.50:1	1.24
minibend L2SR-12	12.00 (304.8)	1.25:1	0.43	1.35:1	1.01	1.50:1	1.31
minibend L2SR-13	13.00 (330.2)	1.25:1	0.45	1.35:1	1.07	1.50:1	1.38
minibend L2SR-14	14.00 (355.6)	1.25:1	0.48	1.35:1	1.13	1.50:1	1.46
minibend L2SR-15	15.00 (381.0)	1.25:1	0.50	1.35:1	1.20	1.50:1	1.53
minibend L2SR-16	16.00 (406.4)	1.25:1	0.53	1.35:1	1.26	1.50:1	1.60
minibend L2SR-							

CONTROL DRAWING

minibend L2SR-XX

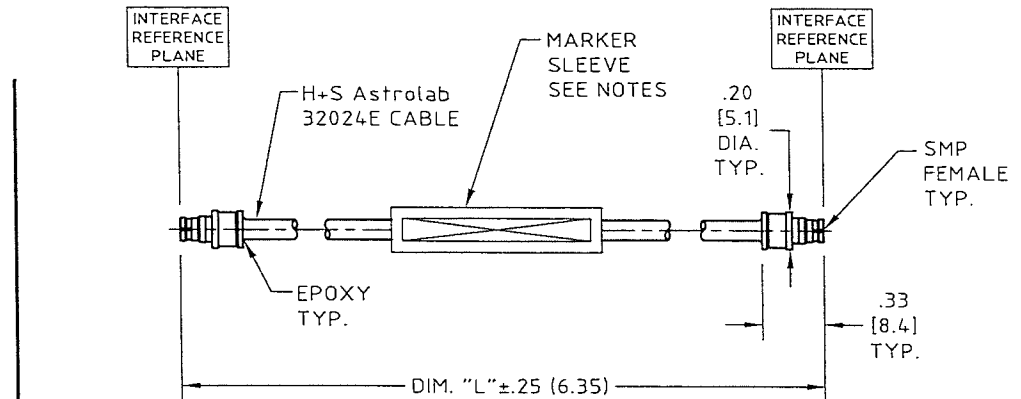


SHOWN ABOVE IS TYPICAL INSTALLATION.

ROHS 5/6 COMPLIANT

NOTES:

- DESCRIPTION, CABLE ASSEMBLY, SMP FEMALE TO SMP FEMALE, RUGGEDIZED.
- CABLE, COAXIAL CABLE H+S Astrolab P/N 32024E MEETS OR EXCEEDS MIL-DTL-17 SEE H+S Astrolab CONTROL DRAWING FOR MATERIALS AND FINISHES.
- CONNECTOR -A-, SMP FEMALE: H+S Astrolab P/N 29473CR-32-24-1 IAW MIL-STD-348. SEE H+S Astrolab CONTROL DRAWING FOR MATERIALS AND FINISHES.
- CONNECTOR -B-, SMP FEMALE: SAME AS CONNECTOR -A-.
- MARKING: LOOSE, WHITE SLEEVING CAPTIVATED ON THE CABLE ASSEMBLY. MARKING WILL INCLUDE THE H+S 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.	GSG	01/08/07
ELEC.	RF	01/11/07
MECH.	DPD	01/11/07
Q.C.		

HUBER+SUHNER
Astrolab

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

TITLE
CABLE ASSEMBLY, minibend L TYPE, SMP FEMALE TO SMP FEMALE, RUGGEDIZED

C	COMPANY LOGO UPDATE	01/15/13	EFENG	[Signature]					
REV.	DESCRIPTION	DATE	BY	APPROVED					
					THDS. TO BE IN ACCORD WITH U.S. DEPT. OF COMM. SCREW THD. STDS. FOR FEDERAL SERVICES 1950 SUPL. TO HANDBOOK H 28.	SCALE 1:1	CODE IDENT. 16301	DWG NO. minibend L2SR-XX	REV C