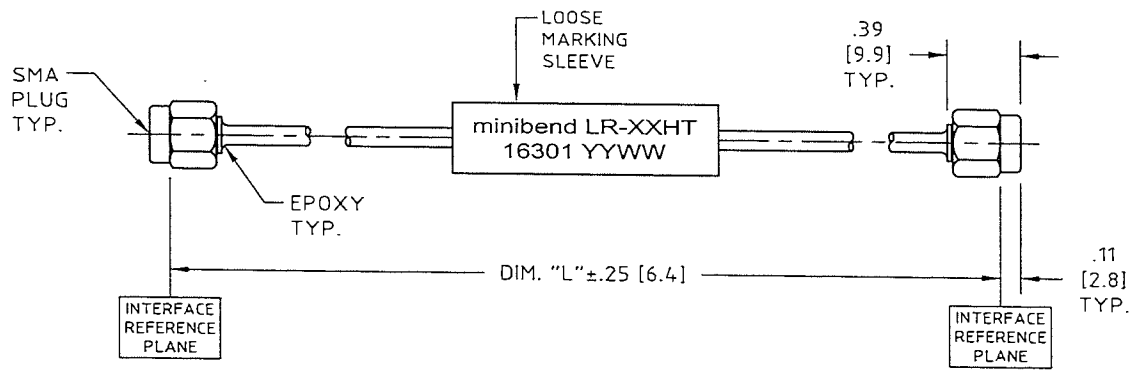
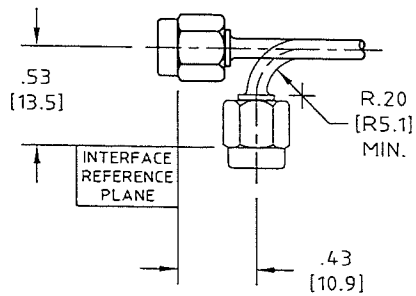
CONTROL DRAWING

minibend LR-XXHT

E





SHOWN ABOVE IS TYPICAL INSTALLATION.

H+S Astrolab PART NUMBER	DIMENSION "L" IN [mm]	1.0 GHz		12.4 GHz		18.0 GHz		26.5 GHz	
		VSWR	I.L. dB	VSWR	I.L. dB	VSWR	I.L. dB	VSWR	I.L. dB
minibend LR-2.5HT	2.50 [63.5±3.3]	1.16:1	0.13	1.25:1	0.33	1.35:1	0.44	1.40:1	0.54
minibend LR-3HT	3.00 [76.2±3.3]	1.16:1	0.14	1.25:1	0.36	1.35:1	0.47	1.40:1	0.58
minibend LR-3.5HT	3.50 [88.9±3.3]	1.16:1	0.15	1.25:1	0.39	1.35:1	0.51	1.40:1	0.63
minibend LR-4HT	4.00 [101.6±3.3]	1.16:1	0.16	1.25:1	0.42	1.35:1	0.54	1.40:1	0.67
minibend LR-4.5HT	4.50 [114.3±3.3]	1.16:1	0.17	1.25:1	0.45	1.35:1	0.58	1.40:1	0.72
minibend LR-5HT	5.00 [127.0±3.3]	1.16:1	0.18	1.25:1	0.48	1.35:1	0.62	1.40:1	0.76
minibend LR-5.5HT	5.50 [139.7±3.3]	1.16:1	0.19	1.25:1	0.51	1.35:1	0.65	1.40:1	0.80
minibend LR-6HT	6.00 [152.4±3.3]	1.16:1	0.20	1.25:1	0.54	1.35:1	0.69	1.40:1	0.85
minibend LR-6.5HT	6.50 [165.1±3.3]	1.16:1	0.21	1.25:1	0.57	1.35:1	0.72	1.40:1	0.89
minibend LR-7HT	7.00 [177.8±3.3]	1.16:1	0.22	1.25:1	0.60	1.35:1	0.76	1.40:1	0.94
minibend LR-8HT	8.00 [203.2±3.3]	1.16:1	0.25	1.25:1	0.66	1.35:1	0.84	1.40:1	1.03
minibend LR-9HT	9.00 [228.6±3.3]	1.16:1	0.26	1.25:1	0.73	1.35:1	0.91	1.40:1	1.12
minibend LR-10HT	10.00 [254.0±3.3]	1.16:1	0.26	1.25:1	0.79	1.35:1	0.98	1.40:1	1.21
minibend LR-11HT	11.00 [279.4±3.3]	1.16:1	0.30	1.25:1	0.85	1.35:1	1.06	1.40:1	1.30
minibend LR-12HT	12.00 [304.8±3.3]	1.16:1	0.31	1.25:1	0.91	1.35:1	1.13	1.40:1	1.39
minibend LR-13HT	13.00 [330.2±3.3]	1.16:1	0.33	1.25:1	0.97	1.35:1	1.20	1.40:1	1.48
minibend LR-14HT	14.00 [355.6±3.3]	1.16:1	0.35	1.25:1	1.03	1.35:1	1.28	1.40:1	1.57
minibend LR-15HT	15.00 [381.0±3.3]	1.16:1	0.37	1.25:1	1.10	1.35:1	1.35	1.40:1	1.66
minibend LR-16HT	16.00 [406.4±3.3]	1.16:1	0.39	1.25:1	1.17	1.35:1	1.42	1.40:1	1.75
minibend LR- HT									

NOTES:

1. DESCRIPTION,
   CABLE ASSEMBLY, 100% ROHS COMPLIANT
   SMA PLUG TO SMA PLUG.
2. 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.
3. CONNECTOR -A-, 100% ROHS COMPLIANT SMA PLUG:
   H+S Astrolab P/N 29094HTCR-32-24
   INTERFACE DIMENSIONS IAW MIL-STD-348.
   SEE H+S Astrolab CONTROL DRAWING
   FOR MATERIALS AND FINISHES.
4. CONNECTOR -B-, SMA PLUG:
   SAME AS CONNECTOR -A-.

NOTES CONTINUED:

5. MARKING:
   MATERIAL, HEAT SHRINKABLE SLEEVING PER
   SAE-AMS-DTL-23053.
   MARKING, .060 [1.52] MIN. TALL CHARACTERS IN
   CONTRASTING COLOR AND IAW MIL-STD-130,
   DATE CODE PER MIL-STD-1285
   MARKING PERMANENCE IAW SAE-AMS-81531.
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 25.0 LBs [111.0 N].
   CABLE ASSEMBLY LENGTH "L"
   MEASURED IAW MIL-PRF-55427.

ROHS 6 COMPLIANT

	NAME	DATE
PREP.	EF	09/05/08
ELEC.	RF	09/10/08
MECH.	GSG	09/10/08
Q.C.		

HUBER+SUHNER 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
100% ROHS COMPLIANT minibend CABLE ASSEMBLY, 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 LR-XXHT	E

REV.	DESCRIPTION	DATE	BY	APPROVED
E	COMPANY LOGO UPDATE	01/15/13	EF	