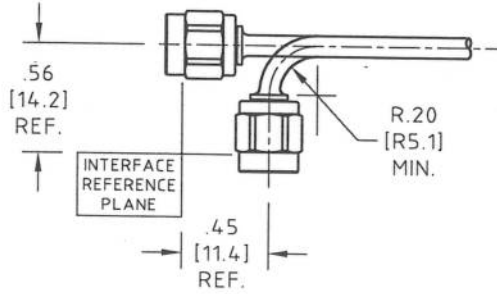


CONTROL DRAWING

minibend LQG-XX

D

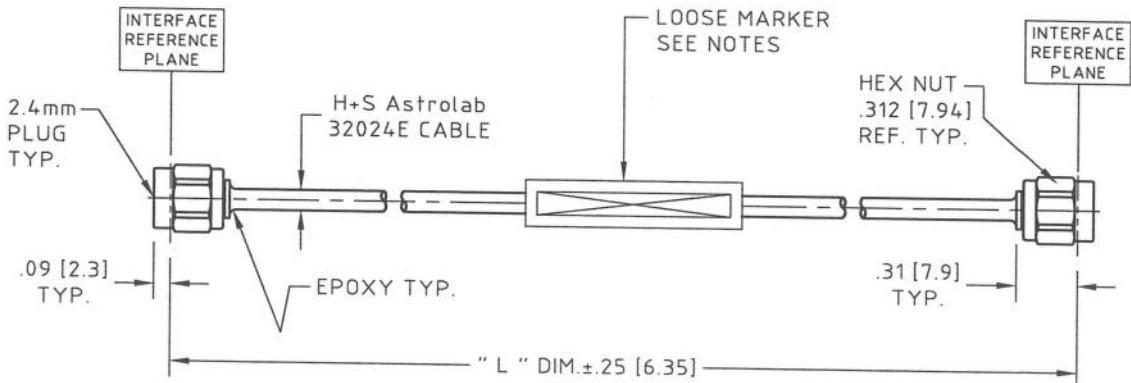
ASSEMBLY No.	DIM. "L"	2.0 GHz		26.5 GHz		50.0 GHz	
		VSWR	LOSS, dB	VSWR	LOSS, dB	VSWR	LOSS, dB
minibend LQG-2.5	2.50 (63.5)	1.20 : 1	0.17	1.45 : 1	0.53	1.55 : 1	0.89
minibend LQG-3	3.00 (76.2)	1.20 : 1	0.18	1.45 : 1	0.57	1.55 : 1	0.95
minibend LQG-3.5	3.50 (88.9)	1.20 : 1	0.19	1.45 : 1	0.61	1.55 : 1	1.00
minibend LQG-4	4.00 (101.6)	1.20 : 1	0.20	1.45 : 1	0.66	1.55 : 1	1.06
minibend LQG-4.5	4.50 (114.3)	1.20 : 1	0.21	1.45 : 1	0.70	1.55 : 1	1.12
minibend LQG-5	5.00 (127.0)	1.20 : 1	0.22	1.45 : 1	0.74	1.55 : 1	1.18
minibend LQG-5.5	5.50 (139.7)	1.20 : 1	0.23	1.45 : 1	0.78	1.55 : 1	1.24
minibend LQG-6	6.00 (152.4)	1.20 : 1	0.25	1.45 : 1	0.83	1.55 : 1	1.30
minibend LQG-6.5	6.50 (165.1)	1.20 : 1	0.26	1.45 : 1	0.87	1.55 : 1	1.36
minibend LQG-7	7.00 (177.8)	1.20 : 1	0.27	1.45 : 1	0.91	1.55 : 1	1.42
minibend LQG-7.5	7.50 (190.5)	1.20 : 1	0.28	1.45 : 1	0.95	1.55 : 1	1.48
minibend LQG-8	8.00 (203.2)	1.20 : 1	0.29	1.45 : 1	0.99	1.55 : 1	1.54
minibend LQG-9	9.00 (228.6)	1.20 : 1	0.31	1.45 : 1	1.08	1.55 : 1	1.66
minibend LQG-10	10.00 (254.0)	1.20 : 1	0.34	1.45 : 1	1.16	1.55 : 1	1.77
minibend LQG-11	11.00 (279.4)	1.20 : 1	0.36	1.45 : 1	1.25	1.55 : 1	1.89
minibend LQG-12	12.00 (304.8)	1.20 : 1	0.38	1.45 : 1	1.33	1.55 : 1	2.01
minibend LQG-							



SHOWN ABOVE IS TYPICAL INSTALLATION.

ROHS 5/6 COMPLIANT

- NOTES:
- DESCRIPTION:
CABLE ASSEMBLY, 2.4mm PLUG TO 2.4mm PLUG, 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-, 2.4mm PLUG:
H+S Astrolab P/N 29898CR-32-24 IAW MIL-STD-348. SEE H+S Astrolab CONTROL DRAWING FOR MATERIALS AND FINISHES.
 - CONNECTOR -B-, 2.4mm PLUG:
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.		<table border="1"> <thead> <tr><th>NAME</th><th>DATE</th></tr> </thead> <tbody> <tr><td>PREP. GSG</td><td>04/22/05</td></tr> <tr><td>ELEC. RF</td><td>04/22/05</td></tr> <tr><td>MECH. AW</td><td>04/22/05</td></tr> <tr><td>Q.C. AG</td><td>04/22/05</td></tr> </tbody> </table>		NAME	DATE	PREP. GSG	04/22/05	ELEC. RF	04/22/05	MECH. AW	04/22/05	Q.C. AG	04/22/05	<p>THIS DRAWING CONTAINS PATENTABLE AND PROPRIETARY INFORMATION. THE DESIGN CANNOT BE USED WITHOUT WRITTEN PERMISSION OF HUBER + SUHNER ASTROLAB.</p>
NAME	DATE													
PREP. GSG	04/22/05													
ELEC. RF	04/22/05													
MECH. AW	04/22/05													
Q.C. AG	04/22/05													
<table border="1"> <thead> <tr><th>FRACTIONS</th><th>±</th></tr> </thead> <tbody> <tr><td>X</td><td>.030</td></tr> <tr><td>XX</td><td>.015</td></tr> <tr><td>XXX</td><td>.005</td></tr> <tr><td>ANGLES</td><td>1°</td></tr> </tbody> </table>	FRACTIONS	±	X	.030	XX	.015	XXX	.005	ANGLES	1°	<p>TITLE CABLE ASSEMBLY, 2.4mm COMPATIBLE PLUG TO 2.4mm COMPATIBLE PLUG, RUGGEDIZED</p>			
FRACTIONS	±													
X	.030													
XX	.015													
XXX	.005													
ANGLES	1°													
DO NOT SCALE DRAWING		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 LQG-XX	REV D								

D	CORRECT TYPO	01/18/13	ENE B	
REV.	DESCRIPTION	DATE	BY	APPROVED