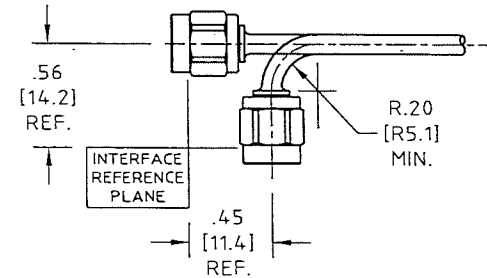


CONTROL DRAWING

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-							

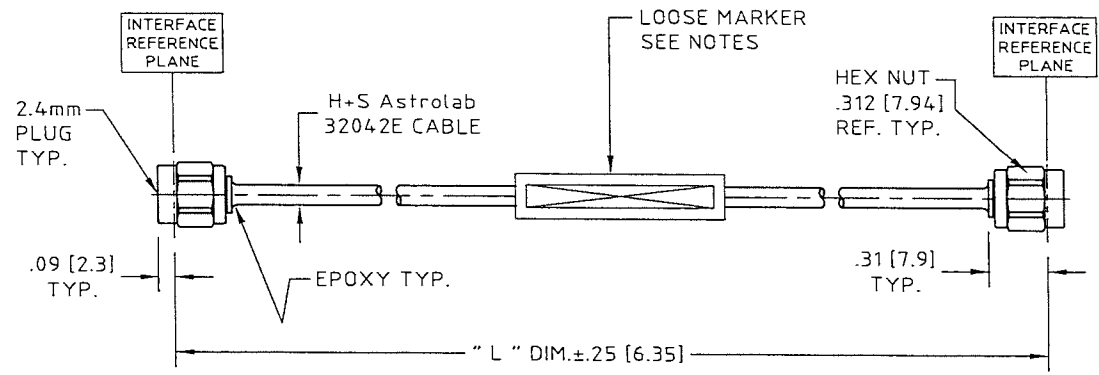


SHOWN ABOVE IS TYPICAL INSTALLATION.

**ROHS 5/6 COMPLIANT**

NOTES:

- DESCRIPTION:  
CABLE ASSEMBLY, 2.4mm PLUG TO 2.4mm PLUG, RUGGEDIZED.
- CABLE,  
COAXIAL CABLE H+S Astrolab P/N 32042E 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-32-42 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].



NAME	DATE	
PREP. GSG	04/22/05	
ELEC. RF	04/22/05	
MECH. AW	04/22/05	
Q.C. AG	04/22/05	THIS DRAWING CONTAINS PATENTABLE AND PROPRIETARY INFORMATION. THE DESIGN CANNOT BE USED WITHOUT WRITTEN PERMISSION OF 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 <b>CABLE ASSEMBLY, 2.4mm COMPATIBLE PLUG TO 2.4mm COMPATIBLE PLUG, RUGGEDIZED</b>		SCALE 1:1	CODE IDENT. 16301	DWG NO. minibend LQG-XX	REV C
THDS. TO BE IN ACCORD WITH U.S. DEPT. OF COMM. SCREW THD. STDS. FOR FEDERAL SERVICES 1950 SUPL. TO HANDBOOK H 28.					

C	COMPANY LOGO UPDATE	01/15/13	EFF 2	<i>[Signature]</i>
REV.	DESCRIPTION	DATE	BY	APPROVED