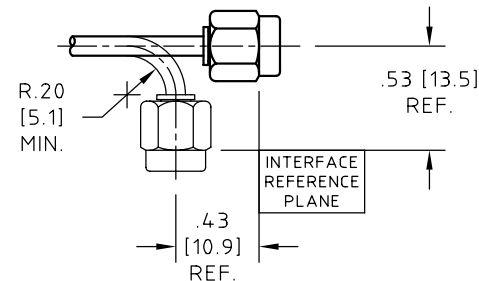
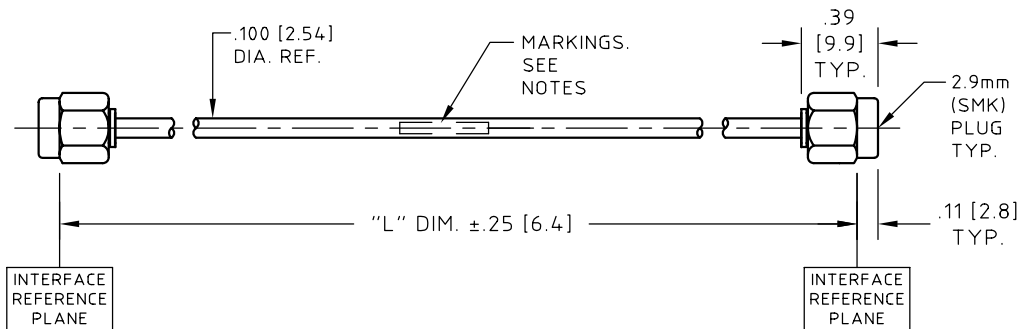


CONTROL DRAWING

minibend K-XX

Z



SHOWN ABOVE IS TYPICAL INSTALLATION.

ASTROLAB PART NUMBER	DIMENSION "L" IN [mm]	2.0 GHz		26.5 GHz		40.0 GHz	
		VSWR	IL. dB	VSWR	IL. dB	VSWR	IL. dB
minibend K-2.5	2.50±.13 [63.5±3.3]	1.20:1	0.18	1.45:1	0.62	1.50:1	0.88
minibend K-3	3.00±.13 [76.2±3.3]	1.20:1	0.19	1.45:1	0.68	1.50:1	0.96
minibend K-3.5	3.50±.13 [88.9±3.3]	1.20:1	0.21	1.45:1	0.74	1.50:1	1.03
minibend K-4	4.00±.13 [101.6±3.3]	1.20:1	0.23	1.45:1	0.80	1.50:1	1.10
minibend K-4.5	4.50±.13 [114.3±3.3]	1.20:1	0.24	1.45:1	0.86	1.50:1	1.17
minibend K-5	5.00±.13 [127.0±3.3]	1.20:1	0.26	1.45:1	0.92	1.50:1	1.25
minibend K-5.5	5.50±.13 [139.7±3.3]	1.20:1	0.27	1.45:1	0.98	1.50:1	1.32
minibend K-6	6.00±.13 [152.4±3.3]	1.20:1	0.29	1.45:1	1.04	1.50:1	1.39
minibend K-7	7.00±.13 [177.8±3.3]	1.20:1	0.32	1.45:1	1.17	1.50:1	1.54
minibend K-8	8.00±.13 [203.2±3.3]	1.20:1	0.35	1.45:1	1.29	1.50:1	1.68
minibend K-9	9.00±.13 [228.6±3.3]	1.20:1	0.38	1.45:1	1.41	1.50:1	1.83
minibend K-10	10.00±.13 [254.0±3.3]	1.20:1	0.41	1.45:1	1.53	1.50:1	1.97
minibend K-11	11.00±.13 [279.4±3.3]	1.20:1	0.44	1.45:1	1.65	1.50:1	2.12
minibend K-12	12.00±.13 [304.8±3.3]	1.20:1	0.47	1.45:1	1.78	1.50:1	2.26
minibend K-13	13.00±.13 [330.2±3.3]	1.20:1	0.50	1.45:1	1.90	1.50:1	2.41
minibend K-14	14.00±.13 [355.6±3.3]	1.20:1	0.53	1.45:1	2.02	1.50:1	2.55
minibend K-15	15.00±.13 [381.0±3.3]	1.20:1	0.57	1.45:1	2.14	1.50:1	2.70
minibend K-16	16.00±.13 [406.4±3.3]	1.20:1	0.60	1.45:1	2.26	1.50:1	2.84
minibend K-							

NOTES:

1. DESCRIPTION,
CABLE ASSEMBLY, 2.9mm (SMK) PLUG TO 2.9mm (SMK) PLUG.
2. CABLE,
COAXIAL CABLE ASTROLAB P/N 32081 MEETS OR EXCEEDS MIL-DTL-17 SEE ASTROLAB CONTROL DRAWING FOR MATERIALS AND FINISHES.
3. CONNECTOR -A-, 2.9mm (SMK) PLUG:
ASTROLAB P/N 29094KC-32-81 IAW MIL-STD-348.
SEE ASTROLAB CONTROL DRAWING FOR MATERIALS AND FINISHES.
4. CONNECTOR -B-, 2.9mm (SMK) PLUG:
SAME AS CONNECTOR -A-.

NOTES CONTINUED:

5. MARKING:
MARKING APPROXIMATELY CENTERED, DIRECTLY ON CABLE, ASTROLAB PART NUMBER AND DATE CODE.
NO MARKING ON CABLE ASSEMBLIES SHORTER THAN 3.00"
MARKING ON PACKING ONLY.
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 15.0 LBS [67 N].

ROHS 5/6 COMPLIANT

	NAME	DATE
PREP.	M.P	06/20/97
ELEC.	R.F	06/20/97
MECH.	G.S.G	06/20/97
Q.C.		



astrolab[®] INC.
WARREN, NJ
THIS DRAWING CONTAINS PATENTABLE AND PROPRIETARY INFORMATION. THE DESIGN CANNOT BE USED WITHOUT WRITTEN PERMISSION OF 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	± 1/32
X	± .015
XX	± .010
XXX	± .005
ANGLES	± 1°
DO NOT SCALE DRAWING	

TITLE		SCALE	CODE IDENT.	DWG NO.	REV
CABLE ASSEMBLY, 2.9mm PLUG TO 2.9mm PLUG		1:1	16301	minibend K-XX	Z
THDS. TO BE IN ACCORD WITH U.S. DEPT. OF COMM. SCREW THD. STDS. FOR FEDERAL SERVICES 1950 SUPL. TO HANDBOOK H 28.					

Z	ECN No. 13950	05/19/11	EF	
REV.	DESCRIPTION	DATE	BY	APPROVED