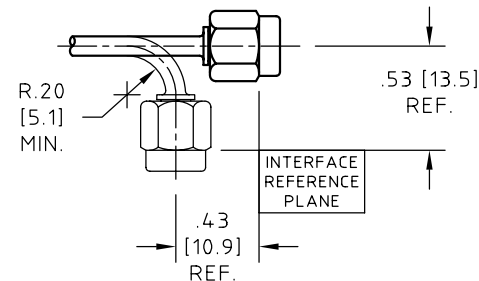
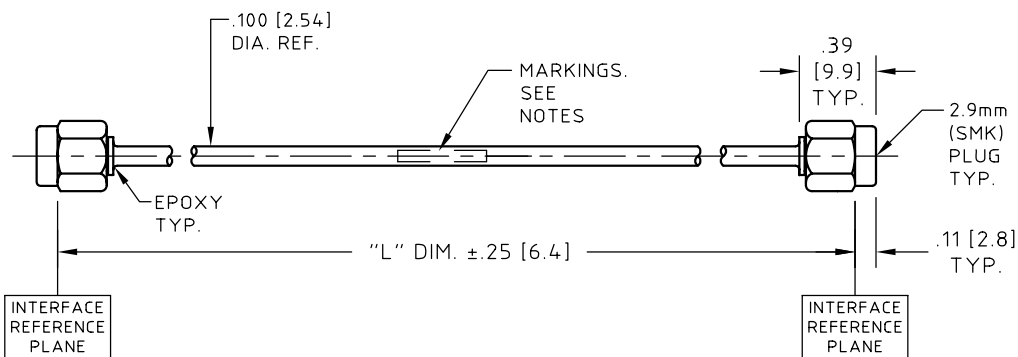


CONTROL DRAWING

minibend KR-XX

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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 KR-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 KR-3	3.00±.13 [76.2±3.3]	1.20:1	0.19	1.45:1	0.68	1.50:1	0.96
minibend KR-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 KR-4	4.00±.13 [101.6±3.3]	1.20:1	0.23	1.45:1	0.80	1.50:1	1.10
minibend KR-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 KR-5	5.00±.13 [127.0±3.3]	1.20:1	0.26	1.45:1	0.92	1.50:1	1.25
minibend KR-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 KR-6	6.00±.13 [152.4±3.3]	1.20:1	0.29	1.45:1	1.04	1.50:1	1.39
minibend KR-7	7.00±.13 [177.8±3.3]	1.20:1	0.32	1.45:1	1.17	1.50:1	1.54
minibend KR-8	8.00±.13 [203.2±3.3]	1.20:1	0.35	1.45:1	1.29	1.50:1	1.68
minibend KR-9	9.00±.13 [228.6±3.3]	1.20:1	0.38	1.45:1	1.41	1.50:1	1.83
minibend KR-10	10.00±.13 [254.0±3.3]	1.20:1	0.41	1.45:1	1.53	1.50:1	1.97
minibend KR-11	11.00±.13 [279.4±3.3]	1.20:1	0.44	1.45:1	1.65	1.50:1	2.12
minibend KR-12	12.00±.13 [304.8±3.3]	1.20:1	0.47	1.45:1	1.78	1.50:1	2.26
minibend KR-13	13.00±.13 [330.2±3.3]	1.20:1	0.50	1.45:1	1.90	1.50:1	2.41
minibend KR-14	14.00±.13 [355.6±3.3]	1.20:1	0.53	1.45:1	2.02	1.50:1	2.55
minibend KR-15	15.00±.13 [381.0±3.3]	1.20:1	0.57	1.45:1	2.14	1.50:1	2.70
minibend KR-16	16.00±.13 [406.4±3.3]	1.20:1	0.60	1.45:1	2.26	1.50:1	2.84
minibend KR-							

NOTES:

1. DESCRIPTION,
CABLE ASSEMBLY, 2.9mm (SMK) PLUG
TO 2.9mm (SMK) PLUG.
2. CABLE,
COAXIAL CABLE ASTROLAB P/N 32081E
MEETS OR EXCEEDS MIL-DTL-17
SEE ASTROLAB CONTROL DRAWING
FOR MATERIALS AND FINISHES.
3. CONNECTOR -A-, 2.9mm (SMK) PLUG:
ASTROLAB P/N 29094KCR-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:

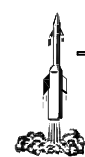
5. MARKING:
MARKING APPROXIMATELY CENTERED,
DIRECTLY ON CABLE, ASTROLAB PART
NUMBER AND DATE CODE.
NO MARKING ON CABLE ASSEMBLIES SHORTER
THAN 3.00"
MARKING ON PACKING ONLY.
6. ELECTRICAL CHARACTERISTICS:
IMPEDANCE,
50.0 Ohms NOMINAL.
FREQUENCY, INSERTION LOSS AND VSWR
SEE CHART.
7. MECHANICAL:
OPERATING TEMPERATURE RANGE,
-55° C TO +125° C.
PULL STRENGTH TO 25.0 LBS [111 N].

ROHS 5/6 COMPLIANT

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	

NAME	DATE
PREP. EF	05/07/01
ELEC. RF	05/07/01
MECH. GSG	05/07/01
Q.C.	



astrolab[®] INC.

WARREN, NJ

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

CABLE ASSEMBLY, 2.9mm PLUG TO 2.9mm PLUG, RUGGEDIZED

P	ECN No. 13950	05/19/11	EF							
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 KR-XX	REV P
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