

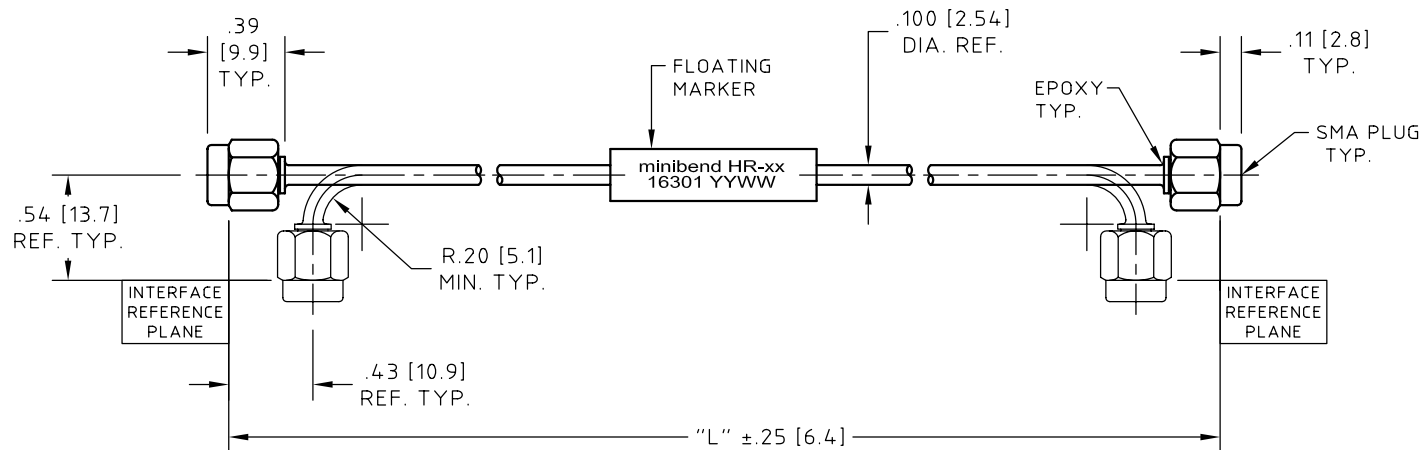
ASTROLAB PART NUMBER	DIMENSION "L"	2.0 GHz		18.0 GHz		26.5 GHz	
		VSWR	I.L. dB	VSWR	I.L. dB	VSWR	I.L. dB
minibend HR-2	2.00 (50.8)	1.20:1	0.19	1.37:1	0.53	1.45:1	0.65
minibend HR-2.5	2.50 (63.5)	1.20:1	0.21	1.37:1	0.58	1.45:1	0.72
minibend HR-3	3.00 (76.2)	1.20:1	0.23	1.37:1	0.64	1.45:1	0.80
minibend HR-3.5	3.50 (88.9)	1.20:1	0.25	1.37:1	0.70	1.45:1	0.87
minibend HR-4	4.00 (101.6)	1.20:1	0.27	1.37:1	0.76	1.45:1	0.95
minibend HR-4.5	4.50 (114.3)	1.20:1	0.29	1.37:1	0.82	1.45:1	1.03
minibend HR-5	5.00 (127.0)	1.20:1	0.31	1.37:1	0.88	1.45:1	1.10
minibend HR-5.5	5.50 (139.7)	1.20:1	0.33	1.37:1	0.95	1.45:1	1.18
minibend HR-6	6.00 (152.4)	1.20:1	0.35	1.37:1	1.01	1.45:1	1.25
minibend HR-6.5	6.50 (165.1)	1.20:1	0.37	1.37:1	1.08	1.45:1	1.32
minibend HR-7	7.00 (177.8)	1.20:1	0.38	1.37:1	1.13	1.45:1	1.39
minibend HR-7.5	7.50 (190.5)	1.20:1	0.40	1.37:1	1.18	1.45:1	1.47
minibend HR-8	8.00 (203.2)	1.20:1	0.42	1.37:1	1.25	1.45:1	1.54
minibend HR-9	9.00 (228.6)	1.20:1	0.46	1.37:1	1.37	1.45:1	1.69
minibend HR-10	10.00 (254.0)	1.20:1	0.50	1.37:1	1.49	1.45:1	1.84
minibend HR-11	11.00 (279.4)	1.20:1	0.53	1.37:1	1.61	1.45:1	1.99
minibend HR-12	12.00 (304.8)	1.20:1	0.57	1.37:1	1.73	1.45:1	2.14
minibend HR-13	13.00 (330.2)	1.20:1	0.61	1.37:1	1.85	1.45:1	2.29
minibend HR-14	14.00 (355.6)	1.20:1	0.65	1.37:1	1.97	1.45:1	2.44
minibend HR-15	15.00 (381.0)	1.20:1	0.69	1.37:1	2.09	1.45:1	2.59
minibend HR-16	16.00 (406.4)	1.20:1	0.72	1.37:1	2.22	1.45:1	2.74

NOTES:

- DESCRIPTION,
COAXIAL CABLE ASSEMBLY, HIGHLY ISOLATED SMA PLUG TO SMA PLUG, minibend TYPE, RUGGEDIZED AND SUITABLE FOR COMPLEX, CONGESTED INSTALLATIONS. WHEN INSTALLED AND BENT AT THE MINIMUM BEND RADIUS, THE ASSEMBLY WILL TOLERATE MULTIPLE $\pm 90^\circ$ ROTATIONS AT THE CABLE-CONNECTOR JUNCTION.
- CABLE,
ASTROLAB P/N 32091E, FIVE SHIELD CONSTRUCTION, EXCEEDS MIL-DTL-17
SEE ASTROLAB CONTROL DRAWING FOR MATERIALS AND FINISHES.
- CONNECTOR -A-, SMA PLUG:
ASTROLAB P/N 29094CR-32-91
IAW MIL-STD-348.
SEE ASTROLAB CONTROL DRAWING FOR MATERIALS AND FINISHES.
- CONNECTOR -B-, SMA PLUG:
SAME AS CONNECTOR A.

NOTES CONTINUED:

- FLOATING MARKER.
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.
MARKER IS CAPTIVATED ONTO CABLE ASSEMBLY.
MARKING PERMANENCE IAW SAE-AMS-81531.
CABLE ASSEMBLIES SHORTER THAN 4.00 [101.6] WILL HAVE NO MARKER SLEEVE.
- ELECTRICAL CHARACTERISTICS:
IMPEDANCE,
50.0 Ohms NOMINAL.
FREQUENCY, INSERTION LOSS AND VSWR SEE CHART.
- MECHANICAL:
OPERATING TEMPERATURE RANGE,
 -55°C TO $+125^\circ\text{C}$.

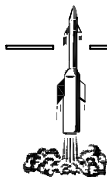


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UNLESS OTHERWISE SPECIFIED

FRACTIONS	$\pm 1/16$
X	$\pm .030$
XX	$\pm .015$
XXX	$\pm .005$
ANGLES	$\pm 1^\circ$



ASTROLAB® INC.

4 POWDER HORN DRIVE
WARREN NJ 07059

USA

CABLE ASSEMBLY, HIGHLY ISOLATED
SMA PLUG TO SMA PLUG,
RUGGEDIZED, 32091E CABLE.

P/N

minibend HR-XX