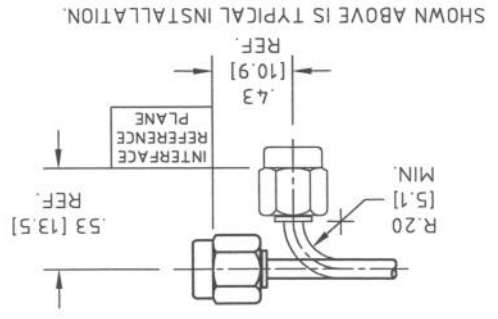
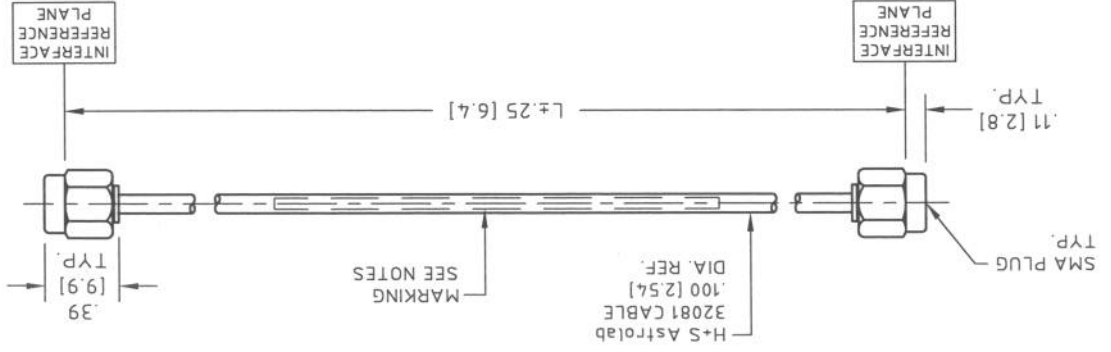


minibend-xxHT

CONTROL DRAWING



SHOWN ABOVE IS TYPICAL INSTALLATION



REV. J	DESCRIPTION "-55°C TO +125°C" "WAS "-45°C TO +85"	DATE 01/24/13	BY EFB	APPROVED [Signature]										
DO NOT SCALE DRAWING	<table border="1"> <tr> <td>ANGLES</td> <td>± 1°</td> </tr> <tr> <td>XXX</td> <td>± .005</td> </tr> <tr> <td>XX</td> <td>± .015</td> </tr> <tr> <td>X</td> <td>± .030</td> </tr> <tr> <td>FRACTIONS</td> <td>± 1/16</td> </tr> </table>				ANGLES	± 1°	XXX	± .005	XX	± .015	X	± .030	FRACTIONS	± 1/16
ANGLES	± 1°													
XXX	± .005													
XX	± .015													
X	± .030													
FRACTIONS	± 1/16													
TITLE	100% ROHS COMPLIANT minibend cable assembly, SMA plug to SMA plug.													
UNLESS OTHERWISE SPECIFIED	CORNERS AND FILLETS .005 MAX. RADIUS OR CHAMFER. CONCENTRICITY .004 TIR. MICRONS OR BETTER.													
MECH. GSG	Q.C.													
ELEC. RF	DATE 07/30/08													
PREP. EF	DATE 07/30/08													
NAME	DATE													

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



ROHS 6 COMPLIANT

NOTES:
 1. DESCRIPTION, 100% ROHS COMPLIANT CABLE ASSEMBLY, SMA PLUG TO SMA PLUG.
 2. CABLE, COAXIAL CABLE H+S Astrolab P/N 32081 MEETS OR EXCEEDS MIL-DTL-17 SEE H+S Astrolab CONTROL DRAWING FOR MATERIALS AND FINISHES.
 3. CONNECTOR -A-, 100% ROHS COMPLIANT SMA PLUG, H+S Astrolab P/N 29094HTC-32-81 INTERFACE DIMENSIONS IAW MIL-STD-348. SEE H+S Astrolab CONTROL DRAWING FOR MATERIALS AND FINISHES.
 4. CONNECTOR -B-, SMA PLUG: SAME AS CONNECTOR -A-.
 5. MARKING: APPROXIMATELY CENTERED AND DIRECTLY ON CABLE AS FOLLOWS: minibend-XXHT YYWW NO MARKING ON CABLE ASSEMBLIES SHORTER THAN 2.50". MARKING WILL BE DONE 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].

REV. J
 minibend-xxHT
 DWG NO.
 CODE IDENT. 16301
 SCALE 1:1
 DEPT. OF COMM. SCREW THD. STD. TO BE IN ACCORD WITH U.S. FEDERAL SERVICES 1950 SUPPL. TO HANDBOOK H 28.

H+S Astrolab PART NUMBER	"L" IN [mm]	2.0 GHZ VSWR IL DB	12.4 GHZ VSWR IL DB	18.0 GHZ VSWR IL DB	24.0 GHZ VSWR IL DB
minibend-2HT	2.00 [50.8]	1.20:1 0.16	1.25:1 0.32	1.35:1 0.46	1.40:1 0.53
minibend-2.5HT	2.50 [63.5]	1.20:1 0.18	1.25:1 0.36	1.35:1 0.50	1.40:1 0.57
minibend-3HT	3.00 [76.2]	1.20:1 0.19	1.25:1 0.39	1.35:1 0.53	1.40:1 0.61
minibend-3.5HT	3.50 [88.9]	1.20:1 0.21	1.25:1 0.44	1.35:1 0.60	1.40:1 0.70
minibend-4HT	4.00 [101.6]	1.20:1 0.22	1.25:1 0.48	1.35:1 0.63	1.40:1 0.73
minibend-4.5HT	4.50 [114.3]	1.20:1 0.24	1.25:1 0.54	1.35:1 0.70	1.40:1 0.82
minibend-5HT	5.00 [127.0]	1.20:1 0.26	1.25:1 0.57	1.35:1 0.75	1.40:1 0.87
minibend-5.5HT	5.50 [139.7]	1.20:1 0.27	1.25:1 0.62	1.35:1 0.80	1.40:1 0.93
minibend-6HT	6.00 [152.4]	1.20:1 0.29	1.25:1 0.65	1.35:1 0.85	1.40:1 0.99
minibend-6.5HT	6.50 [165.1]	1.20:1 0.30	1.25:1 0.70	1.35:1 0.90	1.40:1 1.04
minibend-7HT	7.00 [177.8]	1.20:1 0.32	1.25:1 0.74	1.35:1 0.95	1.40:1 1.10
minibend-8HT	8.00 [203.2]	1.20:1 0.35	1.25:1 0.82	1.35:1 1.05	1.40:1 1.22
minibend-9HT	9.00 [228.6]	1.20:1 0.38	1.25:1 0.91	1.35:1 1.15	1.40:1 1.35
minibend-10HT	10.00 [254.0]	1.20:1 0.41	1.25:1 0.98	1.35:1 1.24	1.40:1 1.46
minibend-11HT	11.00 [279.4]	1.20:1 0.44	1.25:1 1.07	1.35:1 1.34	1.40:1 1.58
minibend-12HT	12.00 [304.8]	1.20:1 0.47	1.25:1 1.15	1.35:1 1.42	1.40:1 1.68
minibend-13HT	13.00 [330.2]	1.20:1 0.50	1.25:1 1.23	1.35:1 1.53	1.40:1 1.81
minibend-14HT	14.00 [355.6]	1.20:1 0.53	1.25:1 1.30	1.35:1 1.62	1.40:1 1.92
minibend-15HT	15.00 [381.0]	1.20:1 0.57	1.25:1 1.40	1.35:1 1.73	1.40:1 2.04
minibend-16HT	16.00 [406.4]	1.20:1 0.60	1.25:1 1.47	1.35:1 1.82	1.40:1 2.15

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