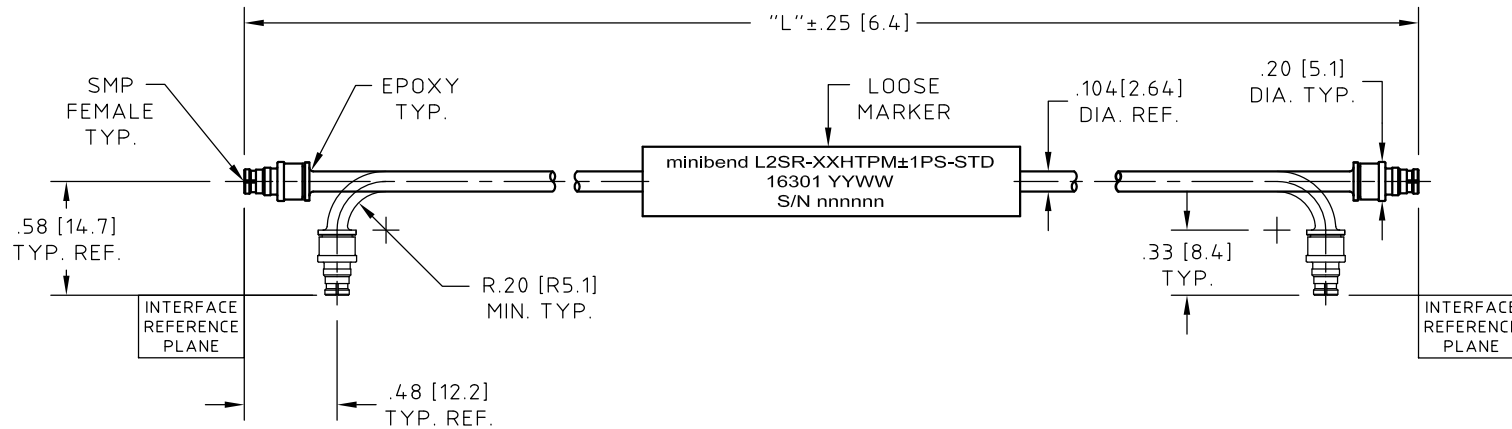




HUBER+SUHNER Astrolab PART NUMBER	DIMENSION "L"	2.0 GHz		12.4 GHz		18.0 GHz	
		VSWR	I.L. dB	VSWR	I.L. dB	VSWR	I.L. dB
minibend L2SR-2.5HTPM±1PS-STD	2.50 [63.5]	1.25:1	0.20	1.35:1	0.42	1.50:1	0.59
minibend L2SR-3HTPM±1PS-STD	3.00 [76.2]	1.25:1	0.21	1.35:1	0.46	1.50:1	0.64
minibend L2SR-3.5HTPM±1PS-STD	3.50 [88.9]	1.25:1	0.22	1.35:1	0.49	1.50:1	0.69
minibend L2SR-4HTPM±1PS-STD	4.00 [101.6]	1.25:1	0.24	1.35:1	0.52	1.50:1	0.72
minibend L2SR-4.5HTPM±1PS-STD	4.50 [114.3]	1.25:1	0.25	1.35:1	0.55	1.50:1	0.76
minibend L2SR-5HTPM±1PS-STD	5.00 [127.0]	1.25:1	0.26	1.35:1	0.58	1.50:1	0.80
minibend L2SR-5.5HTPM±1PS-STD	5.50 [139.7]	1.25:1	0.27	1.35:1	0.61	1.50:1	0.83
minibend L2SR-6HTPM±1PS-STD	6.00 [152.4]	1.25:1	0.29	1.35:1	0.64	1.50:1	0.87
minibend L2SR-6.5HTPM±1PS-STD	6.50 [165.1]	1.25:1	0.30	1.35:1	0.67	1.50:1	0.91
minibend L2SR-7HTPM±1PS-STD	7.00 [177.8]	1.25:1	0.31	1.35:1	0.70	1.50:1	0.94
minibend L2SR-8HTPM±1PS-STD	8.00 [203.2]	1.25:1	0.33	1.35:1	0.76	1.50:1	1.02
minibend L2SR-9HTPM±1PS-STD	9.00 [228.6]	1.25:1	0.36	1.35:1	0.83	1.50:1	1.09
minibend L2SR-10HTPM±1PS-STD	10.00 [254.0]	1.25:1	0.38	1.35:1	0.89	1.50:1	1.16
minibend L2SR-11HTPM±1PS-STD	11.00 [279.4]	1.25:1	0.41	1.35:1	0.95	1.50:1	1.24
minibend L2SR-12HTPM±1PS-STD	12.00 [304.8]	1.25:1	0.43	1.35:1	1.01	1.50:1	1.31
minibend L2SR-13HTPM±1PS-STD	13.00 [330.2]	1.25:1	0.45	1.35:1	1.07	1.50:1	1.38
minibend L2SR-14HTPM±1PS-STD	14.00 [355.6]	1.25:1	0.48	1.35:1	1.13	1.50:1	1.46
minibend L2SR-15HTPM±1PS-STD	15.00 [381.0]	1.25:1	0.50	1.35:1	1.20	1.50:1	1.53
minibend L2SR-16HTPM±1PS-STD	16.00 [406.4]	1.25:1	0.53	1.35:1	1.26	1.50:1	1.60
minibend L2SR- HTPM± PS-STD							

NOTES:

- DESCRIPTION,
CABLE ASSEMBLY, PHASE MATCHED
SMP FEMALE TO SMP FEMALE,
RUGGEDIZED, AND SUITABLE FOR COMPLEX,
CONGESTED INSTALLATIONS.
WHEN INSTALLED AND BEND AT THE MINIMUM
BEND RADIUS, CABLE ASSEMBLY WILL
TOLERATE MULTIPLE ±90PS ROTATIONS
AT THE CABLE CONNECTOR JUNCTION.
- CABLE,
COAXIAL CABLE H+S Astrolab P/N 32024E
MEETS OR EXCEEDS MIL-DTL-17.
SEE CONTROL DRAWING FOR MATERIALS
AND FINISHES.
- CONNECTOR -A-, SMP FEMALE:
H+S Astrolab P/N 29473HTCR-32-24-1
INTERFACE DIMENSIONS IAW MIL-STD-348.
SEE CONTROL DRAWING FOR MATERIALS
AND FINISHES.
- CONNECTOR -B-, SMP FEMALE:
SAME AS CONNECTOR -A-.

NOTES CONTINUED:

- MARKING:
LOOSE FITTING WHITE SLEEVING CAPTIVATED
ON THE CABLE ASSEMBLY.
MARKING INCLUDES THE HUBER+SUHNER Astrolab
PART NUMBER, CAGE CODE AND THE DATE
CODE FOR DATE OF MANUFACTURE.
NO MARKING ON CABLE ASSEMBLIES SHORTER
THAN 3.00 [76.2].
MARKING ON PACKAGING ONLY.
SERIAL NUMBER PRESENT PER CUSTOMER
REQUEST ONLY.
- ELECTRICAL CHARACTERISTICS:
IMPEDANCE,
50.0 Ohms NOMINAL.
FREQUENCY, INSERTION LOSS AND VSWR
SEE CHART.
PHASE MATCHED,
ALL CABLE ASSEMBLIES WILL BE PHASE
MATCHED TO A GOLDEN STANDARD.
- MECHANICAL:
OPERATING TEMPERATURE RANGE,
-55PS C TO +125PS C.
PULL STRENGTH TO 25.0 LBS. [111.2 N].

NAME		DATE		 HUBER+SUHNER Astrolab	
PREP.	WR	05/30/18			
ELEC.					
MECH.					
Q.C.					
TITLE				THIS DRAWING CONTAINS PATENTABLE AND PROPRIETARY INFORMATION. THE DESIGN CANNOT BE USED WITHOUT WRITTEN PERMISSION OF HUBER + SUHNER ASTROLAB.	
CABLE ASSEMBLY, minibend L TYPE, SMP FEMALE TO SMP FEMALE, PHASE MATCHED.					
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 L2SR-XXHTPM±1PS-STD	REV A

REV.	DESCRIPTION	DATE	BY	APPROVED

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	