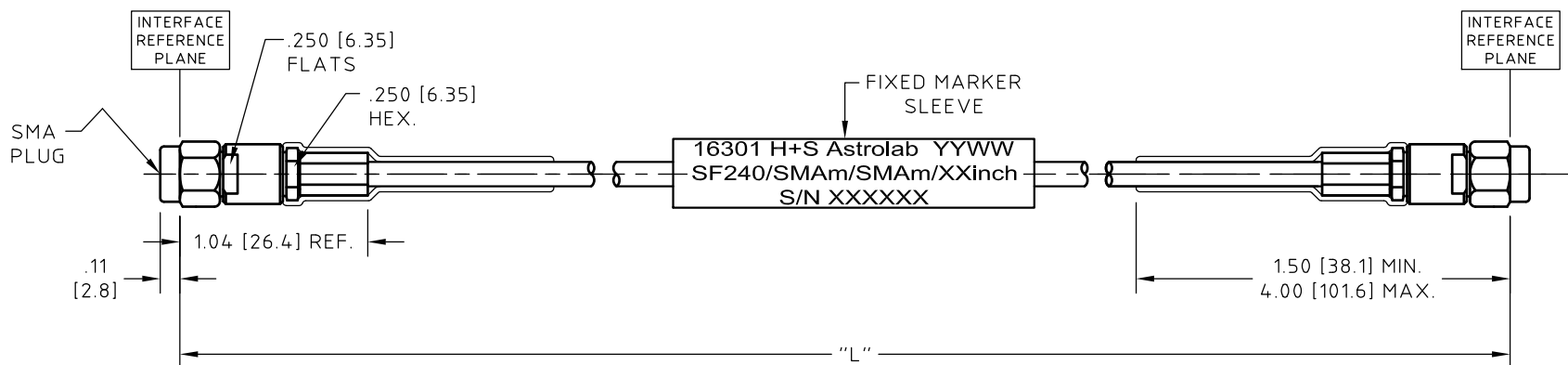


CONTROL DRAWING

SF240/SMAm/SMAm/XXinch

A



NOTES:

- DESCRIPTION:
CABLE ASSEMBLY, 100% ROHS 6 COMPLIANT,
SMA PLUG TO SMA PLUG.
- CABLE,
COAXIAL CABLE HUBER+SUHNER Astrolab P/N SUCOFLEX 240
MEETS OR EXCEEDS MIL-DTL-17.
SEE HUBER+SUHNER Astrolab CONTROL DRAWING
FOR MATERIALS AND FINISHES.
- CONNECTOR -A-, SMA PLUG:
HUBER+SUHNER Astrolab P/N 29094HT-SF240
INTERFACE DIMENSIONS IAW MIL-STD-348.
SEE HUBER+SUHNER Astrolab CONTROL DRAWING
FOR MATERIALS AND FINISHES.
- CONNECTOR -B-: SMA PLUG:
SAME AS CONNECTOR -A-.
- MARKING:
MATERIAL, HEAT SHRINKABLE SLEEVING PER
SAE-AMS-DTL-23053.
MARKING, .060 [1.52] MIN. TALL CHARACTERS IN
CONTRASTING COLOR AND IAW MIL-STD-130,
MARKING PERMANENCE IAW SAE-AMS-81531.
- ELECTRICAL CHARACTERISTICS:
IMPEDANCE,
50.0 Ohms NOMINAL.
FREQUENCY, INSERTION LOSS AND VSWR,
SEE CHART.
100% I.L. & R.L. SERIALIZED DATA PROVIDED
- MECHANICAL:
OPERATING TEMPERATURE RANGE:
-55° C TO +125° C.

HUBER+SUHNER Astrolab PART NUMBER	DIMENSION "L" IN [mm]	6.0 GHz		18.0 GHz		26.5 GHz	
		VSWR	I.L. dB	VSWR	I.L. dB	VSWR	I.L. dB
SF240/SMAm/SMAm/36inch	36.00±.18 [914.4±4.6]	1.22:1	1.06	1.25:1	1.93	1.30:1	2.38
SF240/SMAm/SMAm/48inch	48.00±.18 [1219.2±4.6]	1.22:1	1.36	1.25:1	2.47	1.30:1	3.04
SF240/SMAm/SMAm/72inch	72.00±.25 [1828.8±6.4]	1.22:1	1.97	1.25:1	3.56	1.30:1	4.36

RoHS 6 COMPLIANT

NAME	DATE	<p>HUBER+SUHNER Astrolab</p> <p>THIS DRAWING CONTAINS PATENTABLE AND PROPRIETARY INFORMATION. THE DESIGN CANNOT BE USED WITHOUT WRITTEN PERMISSION OF HUBER + SUHNER ASTROLAB.</p>
PREP. JE	08/24/15	
ELEC.		
MECH.		
Q.C.		

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

TITLE: **CABLE ASSEMBLY**

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. SF240/SMAm/SMAm/XXinch	REV A
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A	ECN No. 17380	08/24/15	JE	
REV.	DESCRIPTION	DATE	BY	APPROVED