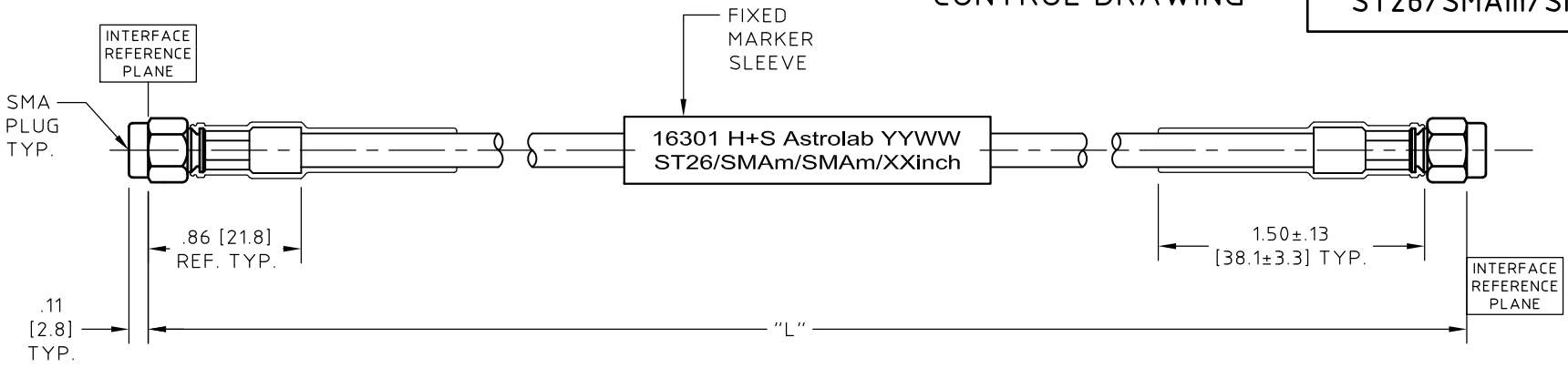


CONTROL DRAWING

ST26/SMAm/SMAm/XXinch

B




NOTES:

1. DESCRIPTION,
COAXIAL, TEST CABLE ASSEMBLY,
HIGH FREQUENCY, LOW LOSS.
SMA PLUG TO SMA PLUG CONNECTOR.
2. CABLE,
COAXIAL CABLE HUBER+SUHNER Astrolab P/N 32026
MEETS OR EXCEEDS MIL-DTL-17
SEE HUBER+SUHNER Astrolab CONTROL DRAWING
FOR MATERIALS AND FINISHES.
3. CONNECTOR -A-, SMA PLUG:
HUBER+SUHNER Astrolab P/N 29094HT-ST26
IAW MIL-STD-348.
SEE HUBER+SUHNER Astrolab CONTROL DRAWING
FOR MATERIALS AND FINISHES.
4. CONNECTOR -B-, SMA PLUG:
SAME AS CONNECTOR -A-.
5. 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,
DATE CODE PER MIL-STD-1285
MARKING PERMANENCE IAW SAE-AMS-81531.
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.
CABLE ASSEMBLY LENGTH "L"
MEASURED IAW MIL-PRF-55427.

HUBER+SUHNER Astrolab PART NUMBER	DIMENSION "L" IN [mm]	2.0 GHz		18.0 GHz		26.5 GHz	
		VSWR	I.L. dB	VSWR	I.L. dB	VSWR	I.L. dB
ST26/SMAm/SMAm/24inch	24.00±.13 [609.6±3.3]	1.15:1	0.45	1.25:1	1.38	1.35:1	1.74
ST26/SMAm/SMAm/36inch	36.00±.18 [914.4±4.6]	1.15:1	0.62	1.25:1	1.92	1.35:1	2.41
ST26/SMAm/SMAm/48inch	48.00±.18 [1219.2±4.6]	1.15:1	0.80	1.25:1	2.46	1.35:1	3.08

RoHS 6 COMPLIANT

NAME	DATE	 <small>THIS DRAWING CONTAINS PATENTABLE AND PROPRIETARY INFORMATION. THE DESIGN CANNOT BE USED WITHOUT WRITTEN PERMISSION OF HUBER + SUHNER ASTROLAB.</small>
PREP. EF	06/23/15	
ELEC. RF	06/23/15	
MECH. MG	06/23/15	
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	SUCOTEST, 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. ST26/SMAm/SMAm/XXinch
REV. B			

B	CONN. -A- WAS 29094-ST26 ; RoHS 6 ADDED	08/12/15	EF	
REV.	DESCRIPTION	DATE	BY	APPROVED