
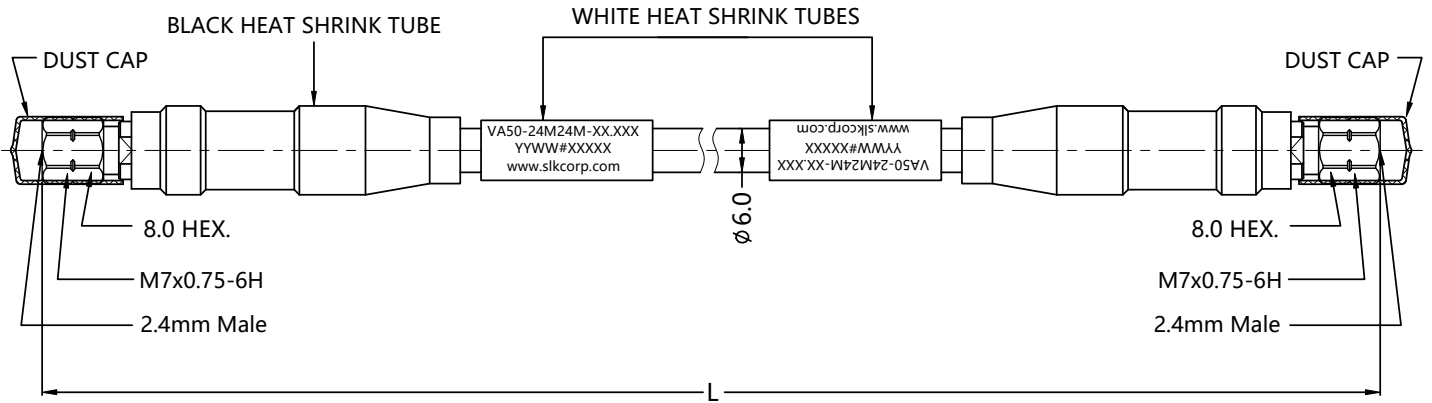


REV.	DESCRIPTION	ECN NO.	NAME	DATE	 ALL PARTS MUST MEET TO RoHS REQUIREMENTS
2	Add Different Length	N/A	YWD	2022-08-18	



11	VA50-24M24M-04.50M	4500 <sup>+50</sup> <sub>0</sub>	178.1	<15.6
10	VA50-24M24M-03.50M	3500 <sup>+50</sup> <sub>0</sub>	138.7	<12.3
9	VA50-24M24M-03.25M	3250 <sup>+50</sup> <sub>0</sub>	128.9	<11.5
8	VA50-24M24M-02.00M	2000 <sup>+30</sup> <sub>0</sub>	79.3	<7.3
7	VA50-24M24M-01.50M	1500 <sup>+30</sup> <sub>0</sub>	59.6	<5.7
6	VA50-24M24M-04.00F	1220 <sup>+30</sup> <sub>0</sub>	48.0	<4.8
5	VA50-24M24M-01.00M	1000 <sup>+20</sup> <sub>0</sub>	39.8	<4.1
4	VA50-24M24M-03.00F	914 <sup>+20</sup> <sub>0</sub>	36.0	<3.7
3	VA50-24M24M-02.00F	610 <sup>+10</sup> <sub>0</sub>	24.0	<2.8
2	VA50-24M24M-00.60M	600 <sup>+10</sup> <sub>0</sub>	23.8	<2.7
1	VA50-24M24M-00.50M	500 <sup>+10</sup> <sub>0</sub>	19.9	<2.5
NO.	DRAWING NO.	L(LENGTH,mm)	L(LENGTH,INCH .REF)	INSERTION LOSS(db)

MATERIALS AND PLATING UNIT: MICRO-INCHES			
PART TYPE	PART NAME	MATERIALS	PLATING
2.4mm MALE	BODY/SHELL	STAINLESS STEEL	PASSIVATION
	INSULATOR	PEI	N/A
	CONTACT PIN	BERYLLIUM COPPER	GOLD
CABLE	TEST CABLE		
ARMOR	PTFE STAINLESS STEEL SPRING ARMOR(BLACK+RED)		

ELECTRICAL CHARACTERISTICS	
IMPEDANCE	50 Ω
VOLTAGE RATING	250 V(rms)
FREQUENCY RANGE	DC ~ 50 GHz
DIELECTRIC WITHSTANDING VOLTAGE	>750 V
INSULATION RESISTANCE	>500 MΩ
INSERTION LOSS	See Tables
VSWR	<1.30
RF- LEAKAGE	>90 dB
MECHANICAL PHASE STABILITY	<±6°
MECHANICAL AMPLITUDE STABILITY	<±0.05 dB

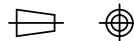
MECHANICAL CHARACTERISTICS	
MIN. BENDING RADIUS ,STATIC	30 mm
MIN. BENDING RADIUS ,REPEATED	60 mm
RECOMMENDED COUPLING TORQUE	7.0~8.9 in-lbs
COUPLING NUT RETENTION FORCE	>60 lbs
CABLE RETENTION FORCE	>60 lbs
CRUSH RESISTANCE	40 KN/M
DURABILITY	>500 cycles

ENVIRONMENTAL PARAMETER	
TEMPERATURE RANGE	-40 °C~+85 °C

**\* CUSTOMER OUTLINE DRAWING**

UNLESS OTHERWISE SPECIFIED:  
1) EDGES : N/A ;  
2) REMOVE ALL BURRS : N/A ;  
3) SURFACE ROUGHNESS : N/A ;  
4) UNITS : mm ;  
5) DIMENSIONS TOLERANCES  
DECIMALS : .x ±5, .xx ±2, .xxx±1;  
ANGLES : ±10°.

THIRD ANGLE PROJECTION



APPROVED :

CUSTOMER P/N :

CHECKED :

SCALE :

1 : 1

DRAWING :

DATE : 2022-08-18



TITLE : 2.4mm MALE S/T TO 2.4mm MALE S/T FOR TEST CABLE

DRAWING NO. : VA50-24M24M-XX.XXX(SEE TABLE)

COMPANY WEBSITE : www.slkcorp.com

CUSTOMER OUTLINE DRAWING