
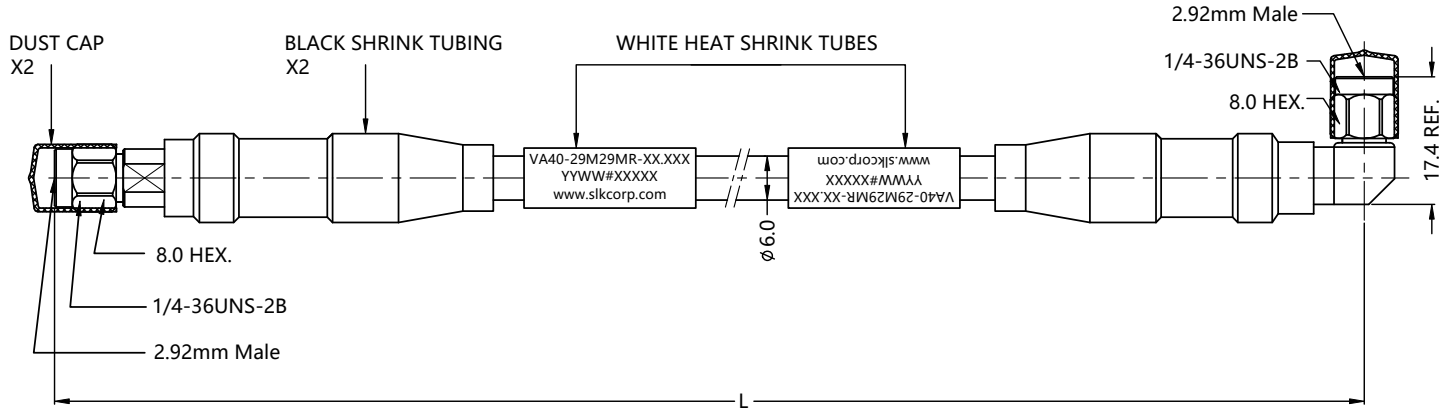


REV.	DESCRIPTION	ECN NO.	NAME	DATE	 ALL PARTS MUST MEET TO RoHS REQUIREMENTS
2	ADD DIFFERENT LENGTHS	N/A	YWD	2022-08-29	



7	VA40-29M29MR-02.00M	2000 <sup>+30</sup> <sub>0</sub>	79.3	<6.6
6	VA40-29M29MR-01.50M	1500 <sup>+30</sup> <sub>0</sub>	59.6	<5.2
5	VA40-29M29MR-04.00F	1220 <sup>+30</sup> <sub>0</sub>	48.0	<4.3
4	VA40-29M29MR-01.00M	1000 <sup>+20</sup> <sub>0</sub>	39.8	<3.7
3	VA40-29M29MR-03.00F	914 <sup>+20</sup> <sub>0</sub>	36.0	<3.4
2	VA40-29M29MR-02.00F	610 <sup>+10</sup> <sub>0</sub>	24.0	<2.5
1	VA40-29M29MR-00.50M	500 <sup>+10</sup> <sub>0</sub>	19.9	<2.2
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
2.92mm MALE & 2.92mm R/A MALE	BODY/SHELL	STAINLESS STEEL	PASSIVATION
	INSULATOR	PEI+PTFE	N/A
	CONTACT PIN	BERYLLIUM COPPER	GOLD
CABLE	TEST CABLE		
ARMOR	PTFE STAINLESS STEEL SPRING ARMOR(BLACK+RED)		

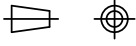
ELECTRICAL CHARACTERISTICS	
IMPEDANCE	50 Ω
VOLTAGE RATING	250 V(rms)
FREQUENCY RANGE	DC ~ 40 GHz
DIELECTRIC WITHSTANDING VOLTAGE	>750 V
INSULATION RESISTANCE	>1000 MΩ
INSERTION LOSS	See Tables
VSWR	<1.35
RF- LEAKAGE	>90 dB
MECHANICAL PHASE STABILITY	<±5°
MECHANICAL AMPLITUDE STABILITY	<±0.05 dB

MECHANICAL CHARACTERISTICS	
MIN. BENDING RADIUS ,STATIC	30 mm
MIN. BENDING RADIUS ,REPEATED	60 mm
RECOMMENDED COUPLING TORQUE	5.3~8.9 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 : 2022-08-29



TITLE : 2.92mm MALE S/T TO 2.92mm MALE R/A FOR TEST CABLE,50Ω  
DRAWING NO. : VA40-29M29MR-XX.XXX(SEE TABLE)  
COMPANY WEBSITE : www.slkcorp.com

CUSTOMER OUTLINE DRAWING