
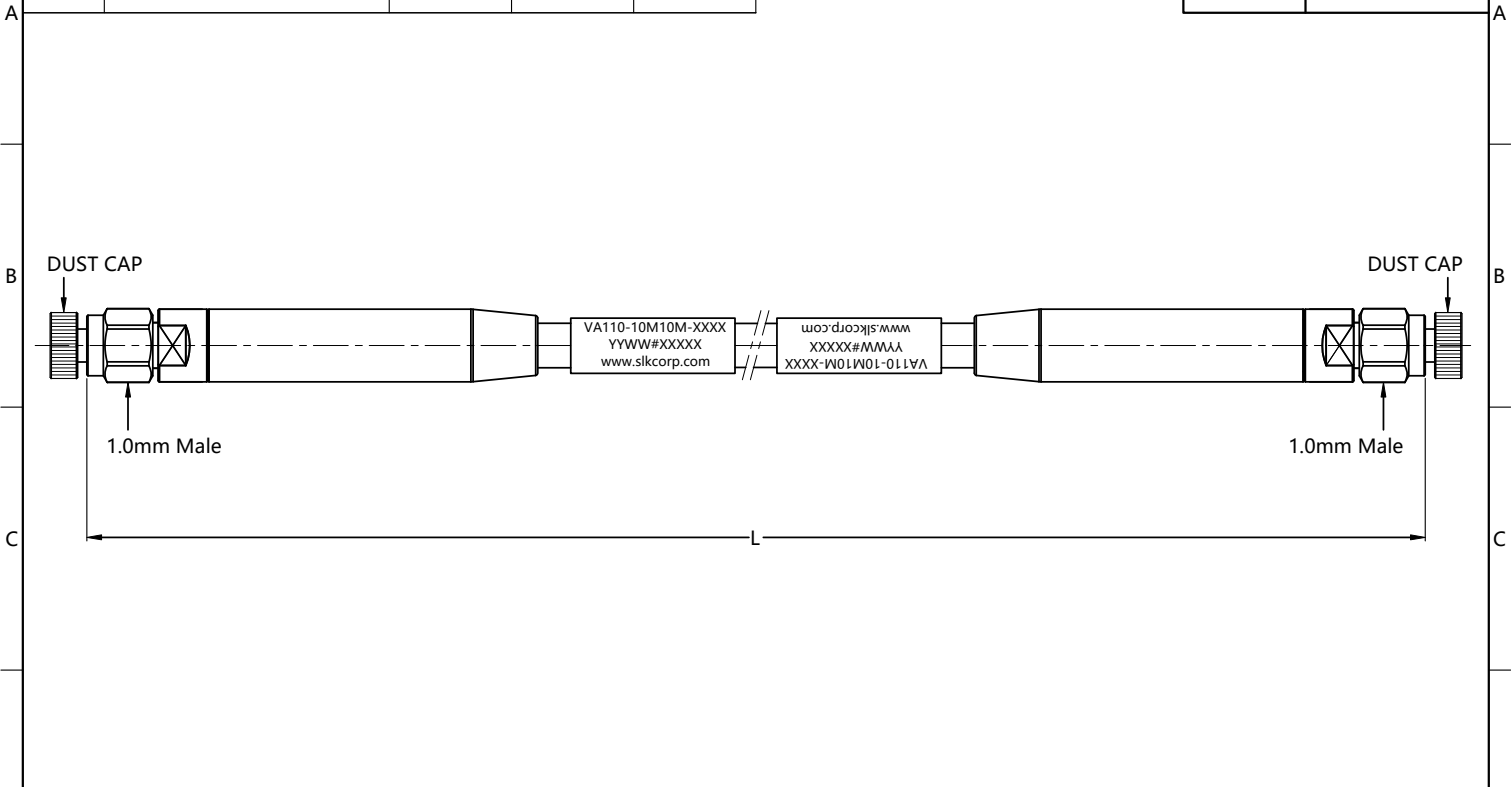
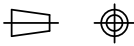



REV.	DESCRIPTION	ECN NO.	NAME	DATE	 ALL PARTS MUST MEET TO RoHS REQUIREMENTS
0	FIRST EDITION	N/A	YWD	2022-06-15	



NO.	DRAWING NO.	L(LENGTH,mm)	L(LENGTH,INCH)	INSERTION LOSS(db)
3	VA110-10M10M-03.00F	910±8	3.0 REF.	<13.7
2	VA110-10M10M-02.00F	610±6	2.0 REF.	<9.6
1	VA110-10M10M-01.00F	305±5	1.0 REF.	<5.4

MATERIALS AND PLATING UNIT: MICRO-INCHES				ELECTRICAL CHARACTERISTICS											
PART TYPE	PART NAME	MATERIALS	PLATING												
1.0 mm MALE	BODY	STAINLESS STEEL	PASSIVATION	IMPEDANCE	50 Ω										
	INSULATOR	ENGINEERING PLASTICS	N/A	VOLTAGE RATING	170 V(rms)										
	CONTACT PIN	BERYLLIUM COPPER	GOLD	FREQUENCY RANGE	DC ~ 110 GHz										
CABLE	TEST CABLE WITH ARMOR, OD 4.0 mm			DIELECTRIC WITHSTANDING VOLTAGE	>500 V										
OTHER	N/A			INSULATION RESISTANCE	>1000 MΩ										
MECHANICAL CHARACTERISTICS <table border="1" style="width:100%; border-collapse: collapse;"> <tr> <td>CABLE RETENTION FORCE</td> <td>>15 lbs</td> </tr> <tr> <td>MIN. BENDING RADIUS, REPEATED</td> <td>25 mm</td> </tr> <tr> <td>RECOMMENDED COUPLING TORQUE</td> <td>2.5~4.4 in-lbs</td> </tr> <tr> <td>COUPLING NUT RETENTION FORCE</td> <td>>50 lbs</td> </tr> <tr> <td>DURABILITY</td> <td>>500 cycles</td> </tr> </table>				CABLE RETENTION FORCE	>15 lbs	MIN. BENDING RADIUS, REPEATED	25 mm	RECOMMENDED COUPLING TORQUE	2.5~4.4 in-lbs	COUPLING NUT RETENTION FORCE	>50 lbs	DURABILITY	>500 cycles	INSERTION LOSS	SEE TABLE
				CABLE RETENTION FORCE	>15 lbs										
				MIN. BENDING RADIUS, REPEATED	25 mm										
				RECOMMENDED COUPLING TORQUE	2.5~4.4 in-lbs										
				COUPLING NUT RETENTION FORCE	>50 lbs										
DURABILITY	>500 cycles														
VSWR	<1.45														
3RD INTERMODULATION	N/A														
TYPICAL MECHANICAL AMPLITUDE STABILITY	±0.1 dB														
TYPICAL MECHANICAL PHASE STABILITY	±10°														
ENVIRONMENTAL PARAMETER <table border="1" style="width:100%; border-collapse: collapse;"> <tr> <td>TEMPERATURE RANGE</td> <td>-40 °C ~ +85 °C</td> </tr> </table>				TEMPERATURE RANGE	-40 °C ~ +85 °C										
				TEMPERATURE RANGE	-40 °C ~ +85 °C										

* CUSTOMER OUTLINE DRAWING			THIRD ANGLE PROJECTION 		 TITLE : 1.0mm MALE S/T TO 1.0mm MALE S/T FOR TEST CABLE WITH ARMOR DRAWING NO. : VA110-10M10M-XXXX COMPANY WEBSITE : www.slkcorp.com
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°.		APPROVED :	CUSTOMER P/N :		
		CHECKED :	SCALE : 3 : 2		
		DRAWING :	DATE : 2022-06-15		
			PAGE : 1/1		