
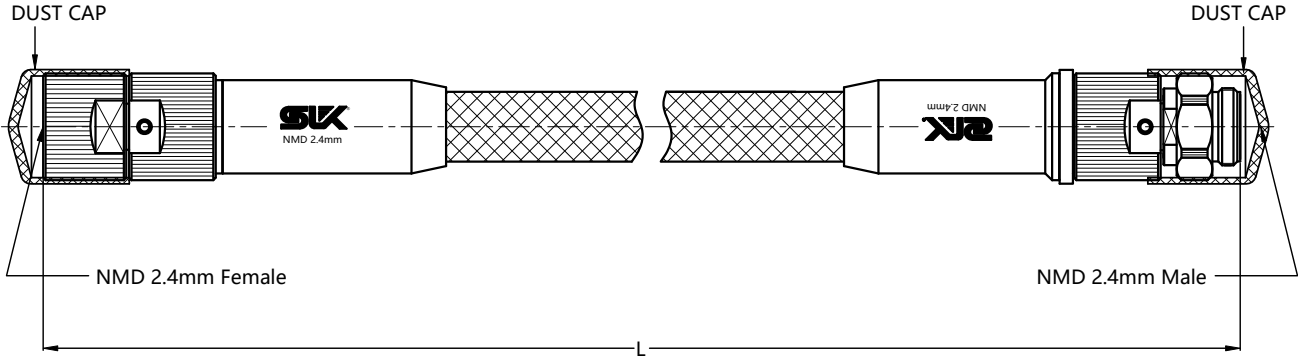
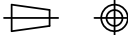



REV.	DESCRIPTION	ECN NO.	NAME	DATE	 ALL PARTS MUST MEET TO RoHS REQUIREMENTS
0	FIRST EDITION	N/A	YWD	2022-07-11	



2	VN50-24F24M-01.00M	1000 ⁺³⁰ ₋₀	<6.5
1	VN50-24F24M-00.60M	600 ⁺²⁰ ₋₀	<4.5
NO.	DRAWING NO.	L(LENGTH,mm)	INSERTION LOSS(dB)

MATERIALS AND PLATING UNIT: MICRO-INCHES				ELECTRICAL CHARACTERISTICS	
PART TYPE	PART NAME	MATERIALS	PLATING	IMPEDANCE	50 Ω
2.4mm	BODY/SHELL	STAINLESS STEEL	PASSIVATION	VOLTAGE RATING	170 V(rms)
	INSULATOR	PEI	N/A	FREQUENCY RANGE	DC ~ 50 GHz
	CONTACT PIN	BERYLLIUM COPPER	GOLD	DIELECTRIC WITHSTANDING VOLTAGE	>500 V
CBALE	TEST CABLE			INSULATION RESISTANCE	>500 MΩ
ARMOR	Black PET Stainless Steel Spring Armor			INSERTION LOSS	SEE TABLE
MECHANICAL CHARACTERISTICS				RF-LEAKAGE	>90 dB @ DC~18GHz
MIN. BENDING RADIUS, STATIC			50 mm	VSWR	<1.4
MIN. BENDING RADIUS, REPEATED			100 mm	MECHANICAL PHASE STABILITY	<±5°
CABLE RETENTION FORCE			>100 lbs	MECHANICAL AMPLITUDE STABILITY	<±0.05 dB
RECOMMENDED COUPLING TORQUE			7~10 in.lbs	ENVIRONMENTAL PARAMETER	
COUPLING NUT RETENTION FORCE			>60 lbs	TEMPERATURE RANGE	20 °C ~ +28 °C
CRUSH RESISTANCE			>800 lbf/in		
DURABILITY			>500 cycles		

CUSTOMER OUTLINE DRAWING			THIRD ANGLE PROJECTION 		 TITLE : NMD 2.4mm FEMALE TO NMD 2.4mm MALE TEST CABLE DRAWING NO. : VN50-24F24M-XX.XXX COMPANY WEBSITE : www.slkcorp.com
UNLESS OTHERWISE SPECIFIED: 1) EDGES : C0.15 MAX ; 2) REMOVE ALL BURRS ; 3) SURFACE ROUGHNESS : Ra1.6 ; 4) UNITS : mm ; 5) DIMENSIONS TOLERANCES DECIMALS : .x ±0.3 .xx ±0.2 .xxx±0.1; ANGLES : ± 5°.			APPROVED :	CUSTOMER P/N :	
			CHECKED :	SCALE :	
			DRAWING :	DATE : 2022-07-11	
			PAGE : 1/1		