
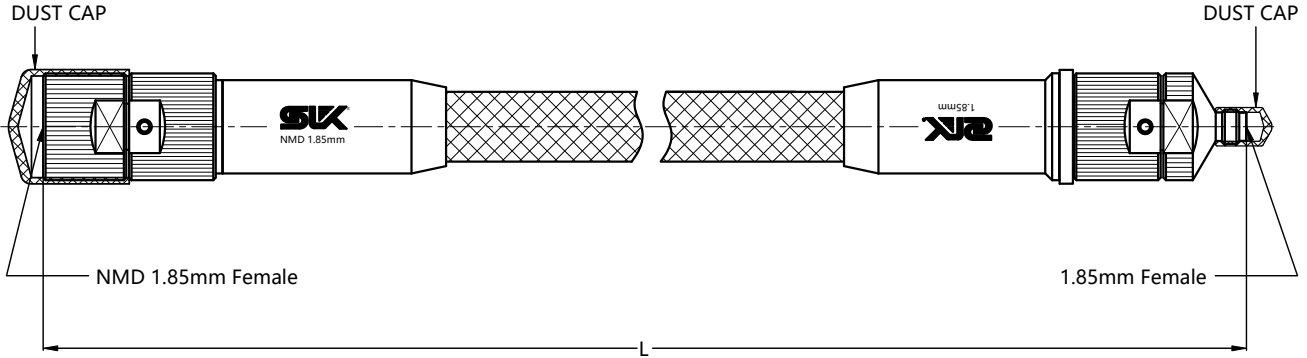


REV.	DESCRIPTION	ECN NO.	NAME	DATE	 ALL PARTS MUST MEET TO RoHS REQUIREMENTS
0	FIRST EDITION	N/A	YWD	2022-07-11	



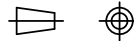
2	VN67-18F18F-01.00M	1000 ⁺³⁰ ₋₀	<7.5
1	VN67-18F18F-00.60M	600 ⁺²⁰ ₋₀	<5.5
NO.	DRAWING NO.	L(LENGTH,mm)	INSERTION LOSS(dB)

MATERIALS AND PLATING UNIT: MICRO-INCHES				ELECTRICAL CHARACTERISTICS	
PART TYPE	PART NAME	MATERIALS	PLATING	IMPEDANCE	50 Ω
1.85mm	BODY/SHELL	STAINLESS STEEL	PASSIVATION	VOLTAGE RATING	170 V(rms)
	INSULATOR	PEI	N/A	FREQUENCY RANGE	DC ~ 67 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	<1.45
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

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°.

THIRD ANGLE PROJECTION



APPROVED :

CUSTOMER P/N :

CHECKED :

SCALE :

2 : 3

DRAWING :

DATE : 2022-07-11

PAGE : 1/1



TITLE : NMD 1.85mm FEMALE TO
1.85mm FEMALE TEST CABLE

DRAWING NO. :

VN67-18F18F-XX.XXX

COMPANY WEBSITE : www.slkcorp.com