
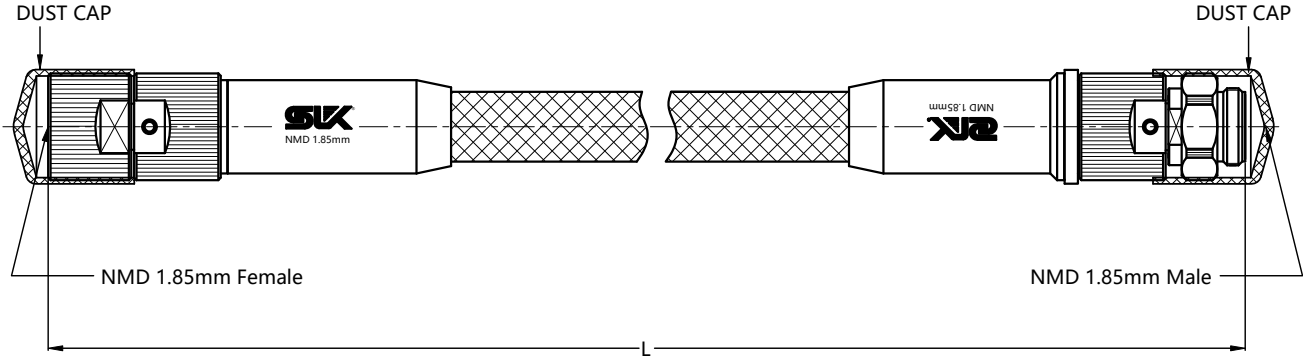


REV.	DESCRIPTION	ECN NO.	NAME	DATE	 ALL PARTS MUST MEET TO RoHS REQUIREMENTS
0	FIRST EDITION	N/A	YWD	2022-07-11	



2	VN67-18F18M-01.00M	1000 ⁺³⁰ ₋₀	<7.5
1	VN67-18F18M-00.60M	600 ⁺²⁰ ₋₀	<5.5
NO.	DRAWING NO.	L(LENGTH,mm)	INSERTION LOSS(dB)



MATERIALS AND PLATING UNIT: MICRO-INCHES			
PART TYPE	PART NAME	MATERIALS	PLATING
1.85mm	BODY/SHELL	STAINLESS STEEL	PASSIVATION
	INSULATOR	PEI	N/A
	CONTACT PIN	BERYLLIUM COPPER	GOLD
CBALE	TEST CABLE		
ARMOR	Black PET Stainless Steel Spring Armor		

ELECTRICAL CHARACTERISTICS	
IMPEDANCE	50 Ω
VOLTAGE RATING	170 V(rms)
FREQUENCY RANGE	DC ~ 67 GHz
DIELECTRIC WITHSTANDING VOLTAGE	>500 V
INSULATION RESISTANCE	>500 MΩ
INSERTION LOSS	SEE TABLE
RF-LEAKAGE	>90 dB @ DC~18GHz
VSWR	<1.45
MECHANICAL PHASE STABILITY	<±5°
MECHANICAL AMPLITUDE STABILITY	<±0.05 dB

MECHANICAL CHARACTERISTICS	
MIN. BENDING RADIUS, STATIC	50 mm
MIN. BENDING RADIUS, REPEATED	100 mm
CABLE RETENTION FORCE	>100 lbs
RECOMMENDED COUPLING TORQUE	7~10 in.lbs
COUPLING NUT RETENTION FORCE	>60 lbs
CRUSH RESISTANCE	>800 lbf/in
DURABILITY	>500 cycles

ENVIRONMENTAL PARAMETER	
TEMPERATURE RANGE	20 °C ~ +28 °C

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 NO. :
	DRAWING :	DATE : 2022-07-11	VN67-18F18M-XX.XXX
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