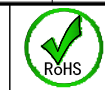
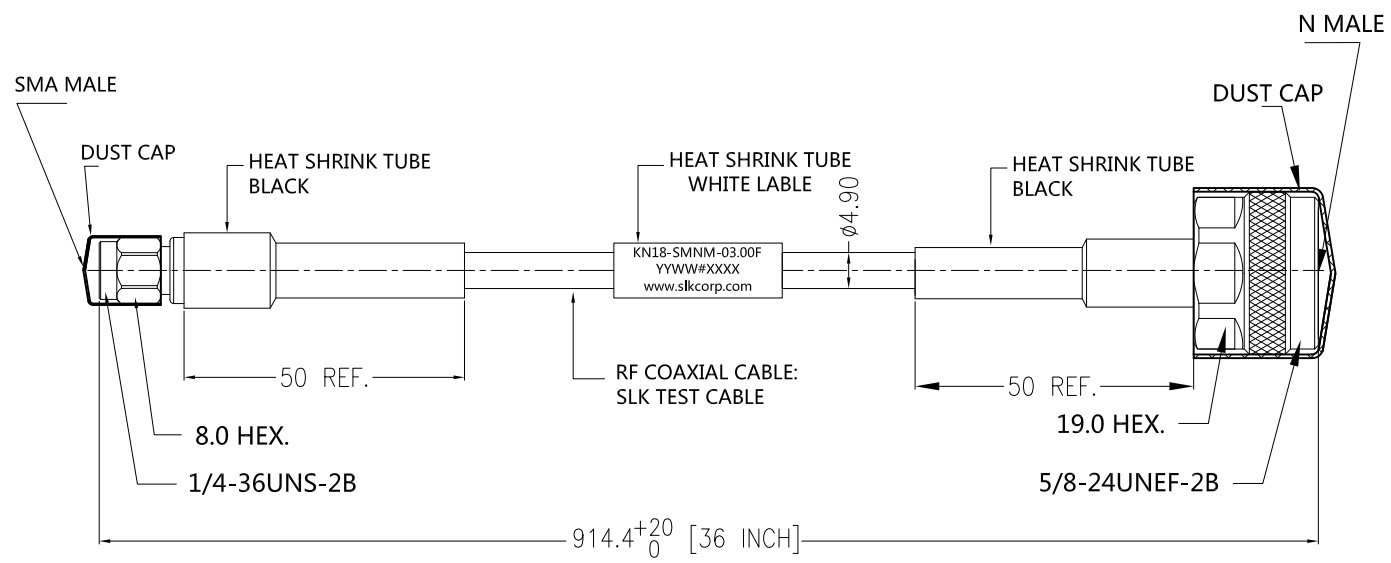


1	2	3	4	5	6
REV.	DESCRIPTION	ECN NO.	NAME	DATE	
0	FIRST EDITION	N/A	YJY	2020-06-04	



ALL PARTS MUST MEET TO RoHS REQUIREMENTS



MATERIALS AND PLATING		UNIT: MICRO-INCHES	
SMA MALE	BODY/SHELL	STAINLESS STEEL	PASSIVATION
	CONTACT PIN	BERYLLIUM COPPER	GOLD/COPPER
	INSULATOR	PTFE ASTM-D-1710	N/A
N MALE	BODY/SHELL	STAINLESS STEEL	PASSIVATION
	CONTACT PIN	BERYLLIUM COPPER	GOLD/COPPER
	INSULATOR	PTFE ASTM-D-1710	
CABLE	SL-K TEST CABLE, FEP BLUE JACKET		
MECHANICAL CHARACTERISTICS			
MIN. bending radius, static		20 mm	
MIN. bending radius, repeated		50 mm	
Cable retention force		>40 lbs	
Coupling nut retention force(SMA)		>60 lbs	
Coupling nut retention force(N)		>100 lbs	
Recommended coupling torque(SMA)		7~10 in-lbs	
Recommended coupling torque(N)		9~14 in-lbs	
Durability		> 500 cycles	

ELECTRICAL CHARACTERISTICS	
Impedance	50 Ω
Voltage rating	335 V(rms)
Frequency range	0 ~ 18 GHz
Dielectric withstanding voltage	>1000 V
Insulation resistance	>5000 MΩ
Insertion loss	<2.55 dB
RF- leakage	>90 dB
VSWR	<1.25
Mechanical phase stability	<±5°
Mechanical amplitude stability	<±0.1 dB
3rd Intermodulation	N/A

ENVIRONMENTAL CHARACTERISTICS	
Temperature range	-40 °C ~ +125 °C

CUSTOMER OUTLINE DRAWING

**\*CUSTOMER OUTLINE DRAWING**

UNLESS OTHERWISE SPECIFIED:  
 1) EDGES: C0.15 MAX  
 2) REMOVE ALL BURRS  
 3) SURFACE ROUGHNESS: Ra0.8  
 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:
DRAWING:	DATE:
COMPANY WEBSITE : www.slkcorp.com	

TITLE: SMA MALE S/T TO N MALE S/T FOR SL-K CABLE  
 DRAWING NO. : KN18-SMNM-03.00F