
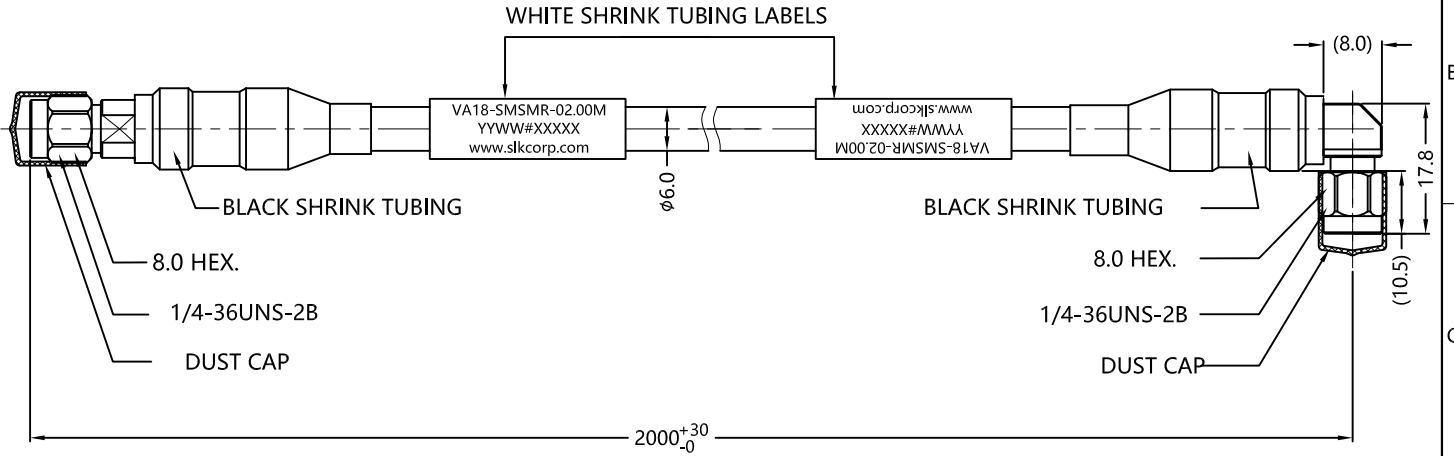


REV.	DESCRIPTION	ECN NO.	NAME	DATE	 ALL PARTS MUST MEET TO RoHS REQUIREMENTS
0	FIRST EDITION	N/A	YWD	2021-03-02	



MATERIALS AND PLATING UNIT: MICRO-INCHES			
PART TYPE	PART NAME	MATERIALS	PLATING
SMA S/T MALE	BODY	STAINLESS STEEL	PASSIVATION
	INSULATOR	PTFE ASTM-D-1710	N/A
	CONTACT PIN	BERYLLIUM COPPER	GOLD /NICKEL/COPPER
SMA R/A MALE	BODY	STAINLESS STEEL	PASSIVATION
	INSULATOR	PTFE ASTM-D-1710	N/A
	CONTACT PIN	BRASS+BeCU 17300	GOLD /NICKEL/COPPER
CABLE	TEST CABLE		

ELECTRICAL CHARACTERISTICS	
IMPEDANCE	50 Ω
VOLTAGE RATING	250 V(rms)
FREQUENCY RANGE	DC ~ 18 GHz
DIELECTRIC WITHSTANDING VOLTAGE	>750 V
INSULATION RESISTANCE	>5000 MΩ
INSERTION LOSS	<4.3 dB
VSWR	<1.35
RF- LEAKAGE	>90 dB
MECHANICAL PHASE STABILITY	<±5°
MECHANICAL AMPLITUDE STABILITY	<±0.05 dB

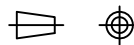
MECHANICAL CHARACTERISTICS	
MIN. BENDING RADIUS ,STATIC	30 mm
MIN. BENDING RADIUS ,REPEATED	60 mm
RECOMMENDED COUPLING TORQUE	7-10 in-lbs
COUPLING NUT RETENTION FORCE	>60 lbs
DURABILITY	>500 cycles
CABLE RETENTION FORCE	>80 lbs
CRUSH RESISTANCE	40 KN/M

ENVIRONMENTAL PARAMETER	
TEMPERATURE RANGE	-40 °C~+85 °C

**\* CUSTOMER OUTLINE DRAWING**

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°.

THIRD ANGLE PROJECTION



APPROVED :

CUSTOMER P/N :

CHECKED :

SCALE :

1: 1

DRAWING :

DATE : 2021-03-02



TITLE : SMA MALE S/T TO SMA MALE R/A FOR TEST CABLE

DRAWING NO. :

VA18-SMSMR-02.00M

COMPANY WEBSITE : www.slkcorp.com

CUSTOMER OUTLINE DRAWING