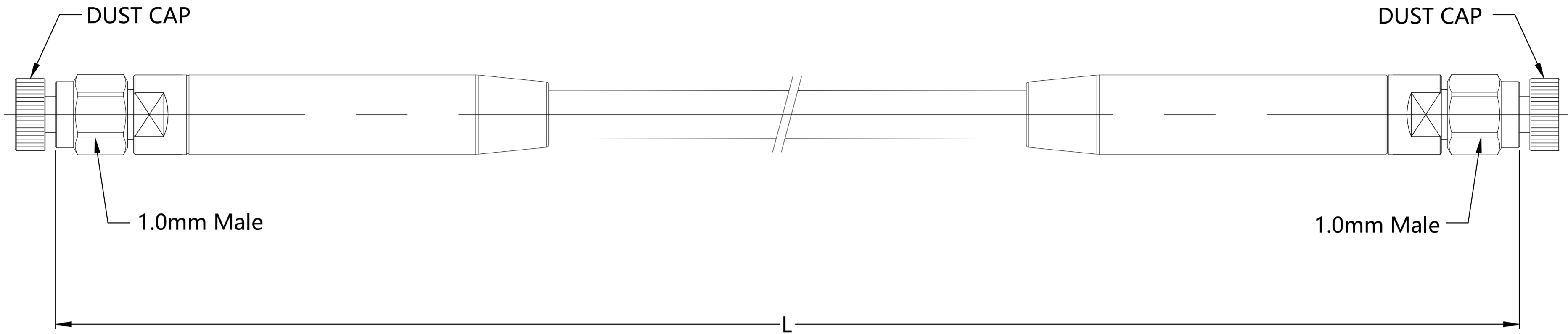


REVISIONS					
P	LTR	DESCRIPTION	DATE	DWN	APVD
A		ECN-23-236030;GTP	23OCT2023	TP	WH



ELECTRICAL	MECHANICAL	ENVIRONMENTAL
Impedance (Ohm): <u>50</u> Frequency Range: <u>DC to 110GHz</u> Voltage Rating (Peak) @ Sea Level <u>170 V RMS</u> Insulation Resistance (MIN.) <u>1000 M ohms</u> Contact Resistance (mohms MAX) Center Contact <u>N/A</u> Outer Contact <u>N/A</u> Dielectric Withstand Voltage: <u>500 V RMS Max</u> Insertion Loss : <u>SEE TABLE</u> VSWR: <u>1.45 max @DC~110GHz</u> TYPICAL MECHANICAL PHASE STABILITY: <u>±15°</u> TYPICAL MECHANICAL AMPLITUDE STABILITY: <u>±0.2 dB</u>	Interface Dimension <u>1.0mm male TO 1.0 male</u> CABLE STATIC BENDING RADIUS: <u>25 mm (REPEATED)</u> Cable Retention Axial (Lbs) <u>>15 lbs</u> RECOMMENDED COUPLING TORQUE: <u>2.5~4.4 in-lbs</u> COUPLING NUT RETENTION FORCE: <u>>50 lbs</u> CRUSH RESISTANCE: <u>>800 lbf/in</u> Mating cycles <u>500 cycles</u>	TEMPERATURE RANGE <u>-40 °C~85 °C</u> ROHS <u>COMPLIANT</u>

	M	
2441478-1	305mm±5	<5.4
2441478-2	561mm±6	<8.6
2441478-3	610mm±6	<10.0
2441478-4	910mm±8	<14.4
1-2441478-0	1000 mm±12	<15.75
PART NUMBER	LENGTH	INSERTION LOSS(dB)

OTHER	N/A		
CABLE	TEST CABLE WITH ARMOR, OD 4.0 mm		
1.0mm MALE	CONTACT PIN	BERYLLIUM COPPER	GOLD
	INSULATOR	ENGINEERING PLASTICS	N/A
PART TYPE	BODY	STAINLESS STEEL	PASSIVATION
	PART NAME	MATERIAL	PLATING

THIS DRAWING IS A CONTROLLED DOCUMENT.		DWN ED 19JUN2023		
DIMENSIONS: mm		CHK ED 19JUN2023		
TOLERANCES UNLESS OTHERWISE SPECIFIED:		APVD WH 19JUN2023	NAME 1.0mm MALE STR TO 1.0mm MALE STR FOR TEST CABLE WITH ARMOR	
0 PLC ± -		PRODUCT SPEC	SIZE A2	
1 PLC ± 0.3		APPLICATION SPEC	CAGE CODE 00779	
2 PLC ± 0.2		WEIGHT	DRAWING NO C=2441478	
3 PLC ± 0.1		FINISH	RESTRICTED TO	
4 PLC ± -			SCALE 1:1	
ANGLES ± 5°			SHEET 1 of 1	
MATERIAL			REV A	
CUSTOMER DRAWING				

2441478