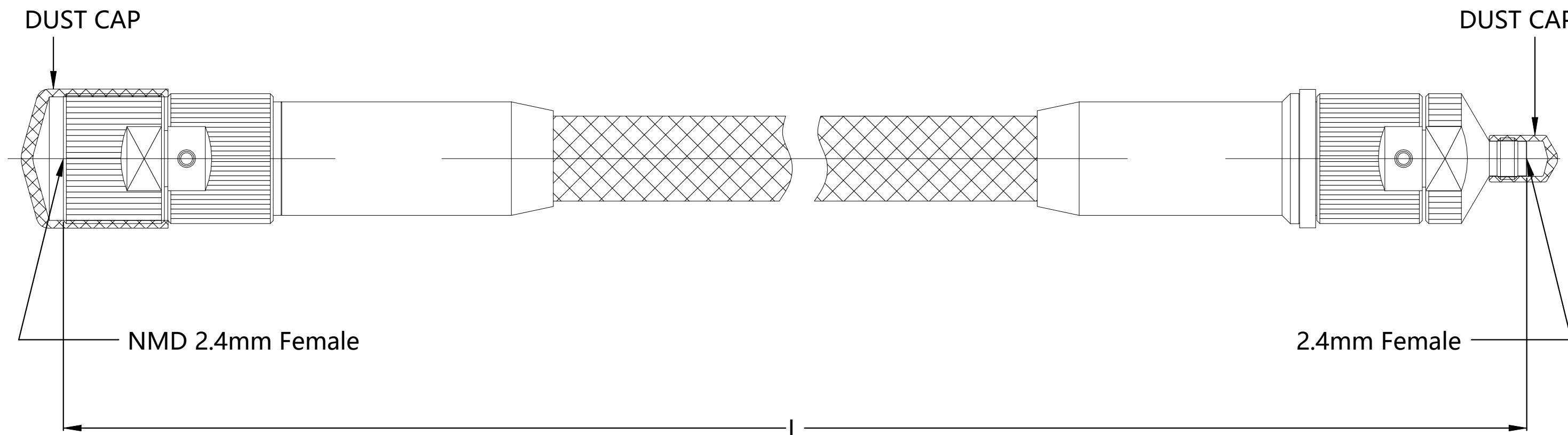


REVISIONS				
P	LTR	DESCRIPTION	DATE	APVD
A		ECN-23-236030;GTP	23OCT2023	TP WH



ELECTRICAL	MECHANICAL	ENVIRONMENTAL
<p>Impedance (Ohm): <u>50</u></p> <p>Frequency Range: <u>DC to 50GHz</u></p> <p>Voltage Rating (Peak) @ Sea Level <u>170 V RMS</u></p> <p>Insulation Resistance (MIN.) <u>500 M ohms</u></p> <p>Contact Resistance (mohms MAX) Center Contact <u>N/A</u> Outer Contact <u>N/A</u></p> <p>Dielectric Withstand Voltage: <u>500 V RMS Max</u></p> <p>Insertion Loss :<u>SEE TABLE</u></p> <p>VSWR: <u>1.4 max @DC~50GHz</u></p> <p>RF-LEAKAGE: <u>>90 dB @ DC~18GHz</u></p> <p>MECHANICAL PHASE STABILITY: <u><±5°</u></p> <p>MECHANICAL AMPLITUDE STABILITY: <u><±0.05 dB</u></p>	<p>Interface Dimension <u>2.4mm female TO 2.4mm female</u></p> <p>CABLE STATIC BENDING RADIUS: <u>50 mm (STATIC)</u> <u>100 mm (REPEATED)</u></p> <p>Cable Retention Axial (Lbs) <u>>100</u></p> <p>RECOMMENDED COUPLING TORQUE: <u>7~10 in.lbs</u></p> <p>COUPLING NUT RETENTION FORCE: <u>>60 lbs</u></p> <p>CRUSH RESISTANCE: <u>>800 lbf/in</u></p> <p>Mating cycles <u>500 cycles</u></p>	<p>TEMPERATURE RANGE <u>-40 °C~85 °C</u></p> <p>ROHS <u>COMPLIANT</u></p>

CABLE ASSEMBLY DESCRIPTION		
2441463-1	600 mm +20/0	<4.5
1-2441463-0	1000 mm +30/0	<6.5
PART NUMBER	LENGTH	INSERTION LOSS(dB)

ARMOR	Black PET Stainless Steel Spring Armor		
CABLE	TEST CABLE		
2.4mm	CONTACT PIN	BERYLLIUM COPPER	GOLD
	INSULATOR	PEI	N/A
	BODY	STAINLESS STEEL	PASSIVATION
PART TYPE	PART NAME	MATERIAL	PLATING

THIS DRAWING IS A CONTROLLED DOCUMENT.		DWN ED 19JUN2023		NAME	
DIMENSIONS: mm		CHK ED 19JUN2023		NMD 2.4mm FEMALE TO 2.4mm FEMALE TEST CABLE	
TOLERANCES UNLESS OTHERWISE SPECIFIED:		APVD WH 19JUN2023		DRAWING NO	
0 PLC ± - 1 PLC ± 0.3 2 PLC ± 0.2 3 PLC ± 0.1 4 PLC ± - ANGLES ± 5°		PRODUCT SPEC		SIZE CAGE CODE	
MATERIAL		FINISH	WEIGHT	A2 00779	RESTRICTED TO
CUSTOMER DRAWING			SCALE 1:1	SHEET 1 OF 1	REV A