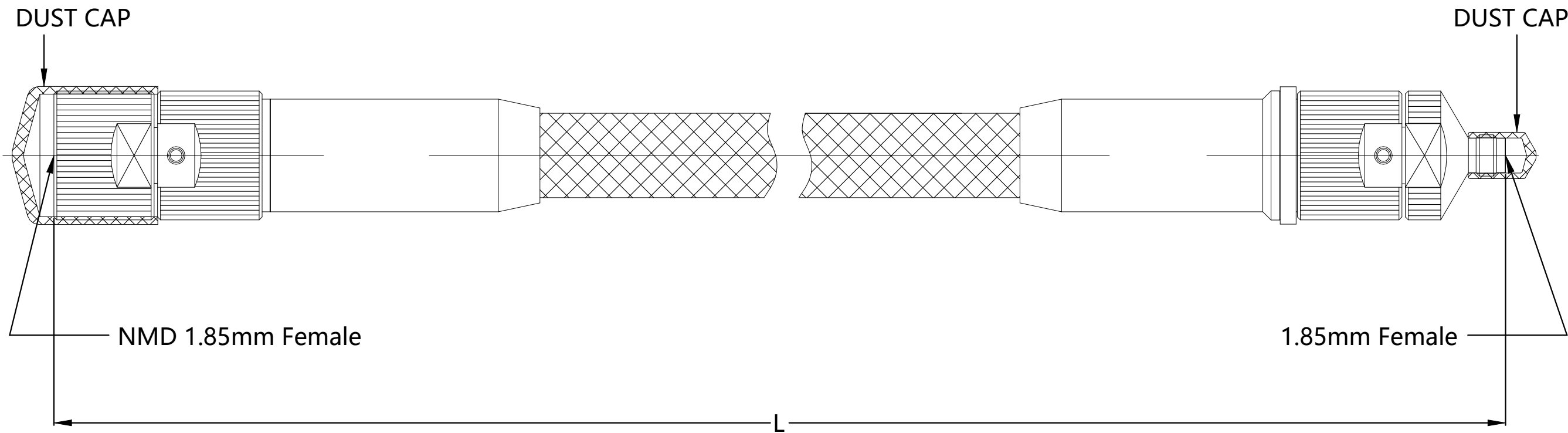


REVISIONS					
P	LTR	DESCRIPTION	DATE	DWN	APVD
	A	ECN-23-236030;GTP	20OCT2023	TP	WH



ELECTRICAL	MECHANICAL	ENVIRONMENTAL
Impedance (Ohm): <u>50</u> Frequency Range: <u>DC to 67GHz</u> Voltage Rating (Peak) @ Sea Level <u>170 V RMS</u> Insulation Resistance (MIN.) <u>500 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 :SEE TABLE VSWR: <u>1.45 max @DC~67GHz</u> RF-LEAKAGE:>90 dB @ DC~18GHz MECHANICAL PHASE STABILITY: <±5° MECHANICAL AMPLITUDE STABILITY:<±0.05 dB	Interface Dimension <u>1.85mm female TO 1.85mm male</u> CABLE STATIC BENDING RADIUS: 50 mm (STATIC) 100 mm (REPEATED) Cable Retention Axial (Lbs) <u>>100</u> RECOMMENDED COUPLING TORQUE: 7~10 in.lbs COUPLING NUT RETENTION FORCE: >60 lbs CRUSH RESISTANCE:>800 lbf/in Mating cycles <u>500</u> cycles	TEMPERATURE RANGE <u>-40 °C~85 °C</u> ROHS <u>COMPLIANT</u>

CABLE ASSEMBLY DESCRIPTION		
2441456-1	600 mm +20/0	<5.5
1-2441456-0	1000 mm +30/0	<7.5
PART NUMBER	LENGTH	INSERTION LOSS(dB)

ARMOR	Black PET Stainless Steel Spring Armor		
CABLE	TEST CABLE		
1.85mm	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	 TE Connectivity							
		CHK	WH	19JUN2023								
		APVD	WH	19JUN2023	NAME							
DIMENSIONS: mm		TOLERANCES, UNLESS OTHERWISE SPECIFIED:										
		PRODUCT SPEC			NMD 1.85mm FEMALE TO 1.85mm FEMALE TEST CABLE —							
		—										
		APPLICATION SPEC										
		—										
		WEIGHT —										
MATERIAL —		FINISH —			SIZE	CAGE CODE	DRAWING NO	RESTRICTED TO				
					A2	00779	C-2441456	—				
CUSTOMER DRAWING							SCALE	1:1	SHEET	1 of 1	REV	A