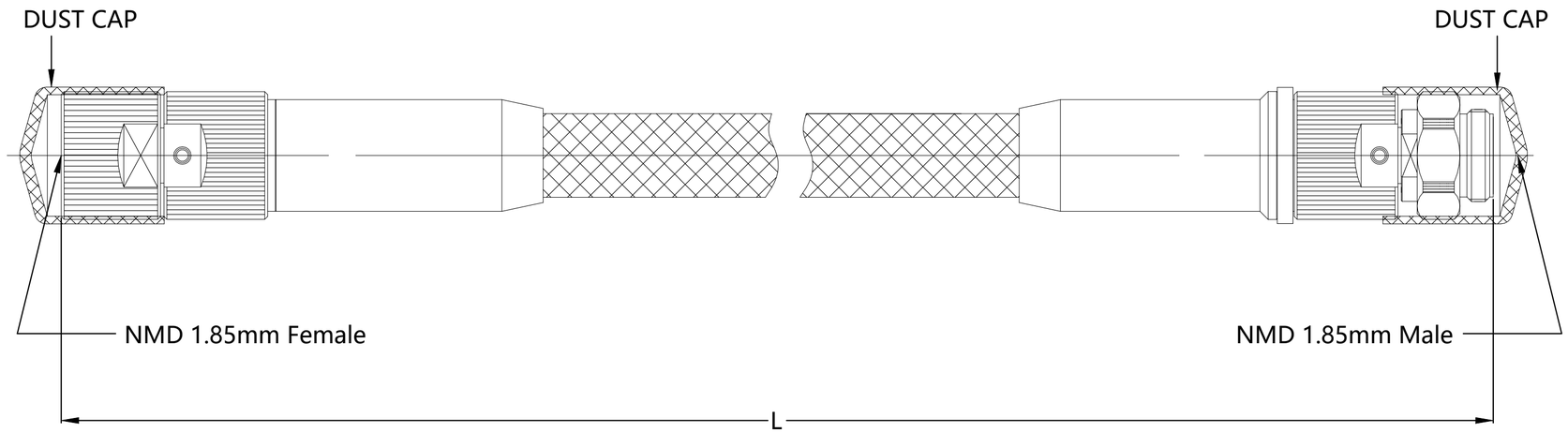
REVISIONS					
P	LTR	DESCRIPTION	DATE	DWN	APVD
	A	ECN-23-236030;GTP	20OCT2023	TP	WH



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

CABLE ASSEMBLY DESCRIPTION		
2441454-1	600 mm +20/0	<5.5
1-2441451-0	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.

DIMENSIONS: mm

TOLERANCES UNLESS OTHERWISE SPECIFIED:
0 PLC ± –
1 PLC ± 0.3
2 PLC ± 0.2
3 PLC ± 0.1
4 PLC ± –
ANGLES ± 5°

MATERIAL –

FINISH –

DWN	ED	19JUN2023
CHK	ED	19JUN2023
APVD	WH	19JUN2023
PRODUCT SPEC	–	
APPLICATION SPEC	–	
WEIGHT	–	

TE Connectivity

NAME
NMD 1.85mm FEMALE TO
NMD 1.85mm MALE TEST CABLE
–

SIZE	CAGE CODE	DRAWING NO	RESTRICTED TO
A2	00779	C-2441454	–

CUSTOMER DRAWING | SCALE 1:1 | SHEET 1 OF 1 | REV A

2441454