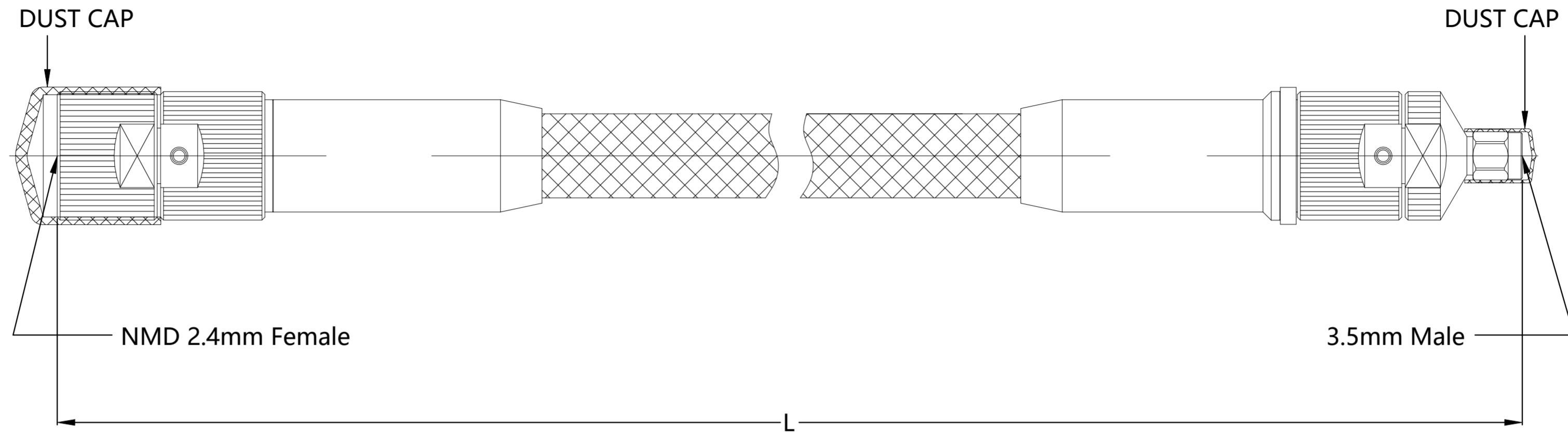


REVISIONS					
P	LTR	DESCRIPTION	DATE	DWN	APVD
A		ECN-23-236030;GTP	23OCT2023	TP	WH



ELECTRICAL	MECHANICAL	ENVIRONMENTAL
Impedance (Ohm): <u>50</u> Frequency Range: <u>DC to 26.5GHz</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>1.4 max @DC~26.5GHz</u> RF-LEAKAGE:>90 dB @ DC~18GHz MECHANICAL PHASE STABILITY: <±5° MECHANICAL AMPLITUDE STABILITY:<±0.05 dB	Interface Dimension <u>2.4mm female TO 3.5mm male</u> CABLE STATIC BENDING RADIUS: <u>50 mm (STATIC)</u> <u>100 mm (REPEATED)</u> Cable Retention Axial (Lbs) <u>>100</u> RECOMMENDED COUPLING TORQUE: <u>7~10 in.lbs</u> COUPLING NUT RETENTION FORCE: <u>>60 lbs</u> CRUSH RESISTANCE:>800 lbf/in Mating cycles <u>500 cycles</u>	TEMPERATURE RANGE <u>-40 °C~85 °C</u> ROHS <u>COMPLIANT</u>

CABLE ASSEMBLY DESCRIPTION		
2441470-1	600 mm +20/0	<3.3
1-2441470-0	1000 mm +30/0	<4.6
PART NUMBER	LENGTH	INSERTION LOSS(dB)

ARMOR	Black PET Stainless Steel Spring Armor		
CABLE	TEST CABLE		
2.4mm & 3.5mm	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		
		CHK ED 19JUN2023		
		APVD WH 19JUN2023		
		PRODUCT SPEC		
		APPLICATION SPEC	NAME NMD 2.4mm FEMALE TO 3.5mm MALE TEST CABLE	
		WEIGHT	SIZE A2	CAGE CODE 00779
		CUSTOMER DRAWING	DRAWING NO C=2441470	RESTRICTED TO
		SCALE 1:1	SHEET 1 of 1	REV A