

TECHNICAL DATA

1. Impedance: 50 Ω
2. Temp. range: -40~+80 °C
3. Durability: 500 Cycles
4. Withstanding voltage: 500 Vrms
5. Frequency range: 0~2 GHz
6. Return Loss: ≥20 dB (DC to 900MHz)
≥18 dB (900MHz to 2000MHz)
7. Insertion Loss: ≤0.25 dB (DC to 900MHz)
≤0.40 dB @ 2000MHz

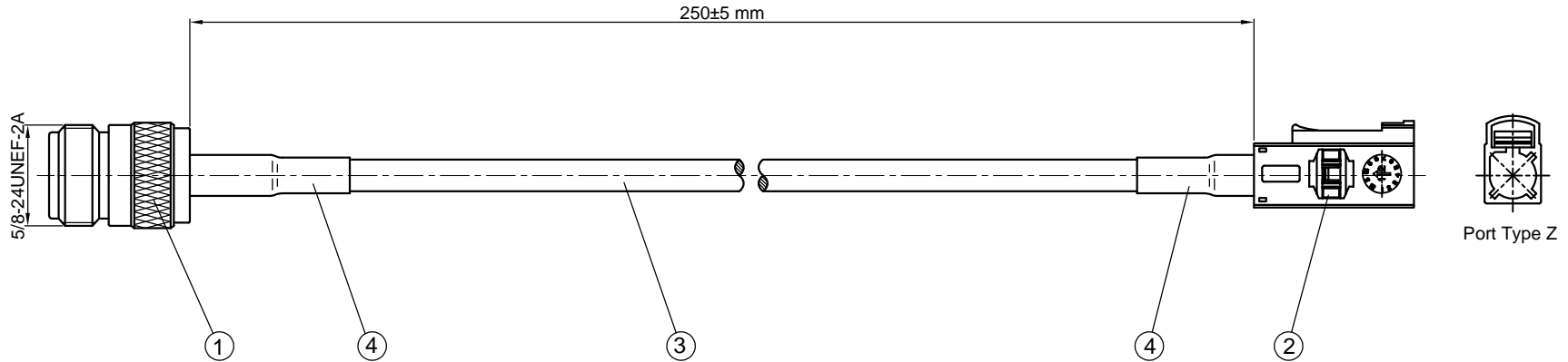
8. Cable assembly to be 100% tested for continuity

9. MATERIALS AND FINISHES

- N Straight Female Connector:**
 Body - Brass plated Nickel
 Center contact - Phosphor Bronze plated Gold
 Crimp Ferrule - Copper plated Nickel
 Insulator - PTFE

- FAKRA SMB Straight Plug Connector:**
 Body - Brass plated Nickel
 Center contact - Beryllium Copper Alloy plated Gold
 Crimp Ferrule - Copper plated Nickel
 Insulator - PTFE
 Plastic Shell - PA66+30%GF (Color: WATER BLUE)

REVISIONS				
REV	DESCRIPTION OF REVISION	ECN No.	DATE	APPROVED
A	INITIAL RELEASE	—	03/31/2021	M. Dong



4	HST-7-BK	7mm Diameter Heat-shrinkable Tube (Black)	2
3	LLC200-UF	Low Loss 200 Coax Cable Double Shielded with Black TPE Jacket	1
2	70-03-1M17-126Z	FAKRA SMB Straight Plug Port Type Z Crimp for LMR200 Cable	1
1	50-02-1M17-205	N Straight Female Crimp for LMR200 Cable	1
S/N	Part No.	Description	QTY

UNLESS OTHERWISE SPECIFIED, DIMENSIONS ARE IN MILLIMETERS [INCHES].
 UNLESS OTHERWISE SPECIFIED DIMENSIONAL TOLERANCES ARE:
 .XX ±0.13 [.005"]
 .X ±0.20 [.008"]
 X ±0.50 [.019"]

ANGULAR TOLERANCES ARE: ALL$\leq 1^\circ$
 OVERALL CABLE LENGTH TOLERANCES ARE: ±2%

DO NOT SCALE DRAWING

PROJECTION:

DRAWN: L. Ma 03/31/2021
 CHECKED: J. Zhu 03/31/2021
 APPROVED: M. Dong 03/31/2021

TITLE:
 Cable Assembly, N Straight Female to FAKRA SMB Straight Plug (Female Center Contact) "Z" Type, LLC200-UF Ultraflex Cable, 250mm

CMPPTER[®]
 Cmptter Electronics Co., Ltd. www.cmptter.com

PART No.:
CA200U-NF-FKSMBM-250mm-2959

SIZE: A4 SCALE: 1:1 SHEET: 1/1 REV: A

RoHS Compliant

- NOTES:
1. ALL SPECIFICATIONS ARE SUBJECT TO CHANGE WITHOUT NOTICE AT ANY TIME
 2. UNLESS OTHERWISE SPECIFIED ALL DIMENSIONS ARE NOMINAL.