

TECHNICAL DATA

1. Impedance: 50 Ω
2. Temp. range: -40~+80 $^{\circ}\text{C}$
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

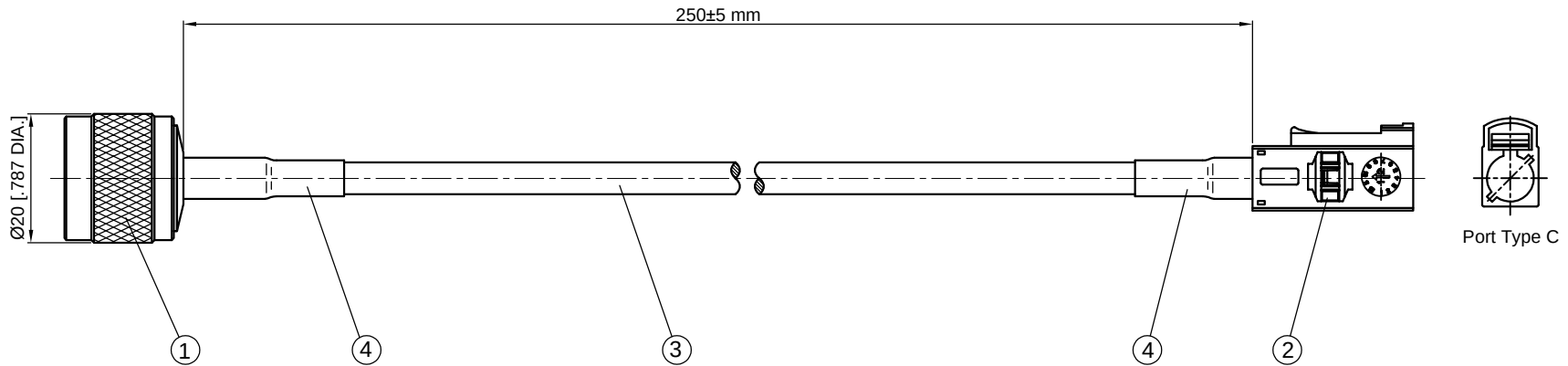
9. MATERIALS AND FINISHES

N Straight Male Connector:

Body & Coupling Nut - Brass plated Nickel
Center contact - Brass plated Gold
Crimp Ferrule - Copper plated Nickel
Insulator - PTFE
Gasket - Silicone Rubber

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: BLUE)



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	70-03-1M17-126C	FAKRA SMB Straight Plug Port Type C Crimp for LMR200 Cable	1
1	50-03-1M17-122	N Straight Male Crimp for LMR200 Cable	1
S/N	Part No.	Description	QTY

RoHS Compliant

NOTES:

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

UNLESS OTHERWISE SPECIFIED, DIMENSIONS ARE
IN MILLIMETERS [INCHES].
UNLESS OTHERWISE SPECIFIED DIMENSIONAL
TOLERANCES ARE:

.XX ± 0.13 [0.005"]
.X ± 0.20 [0.008"]
X ± 0.50 [0.019"]

ANGULAR TOLERANCES ARE: ALL $\approx 1^{\circ}$
OVERALL CABLE LENGTH TOLERANCES ARE: $\pm 2\%$

DO NOT SCALE DRAWING

PROJECTION:



DRAWN: L. Ma 04/01/2021
CHECKED: J. Zhu 04/01/2021
APPROVED: M. Dong 04/01/2021

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

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PART No.:
CA200U-NM-FKSMBM-250mm-2958

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