

TECHNICAL DATA

1. Impedance: 50 Ω
2. Temp. range: -40~+150 $^{\circ}\text{C}$
3. Durability: 5000 Cycles
4. Armor Compressive: 100N/25mm
5. Withstanding Voltage: 500V DC
6. Frequency range: 0~18 GHz
7. VSWR: 1.30:1
8. Cable assembly to be 100% tested on VNA

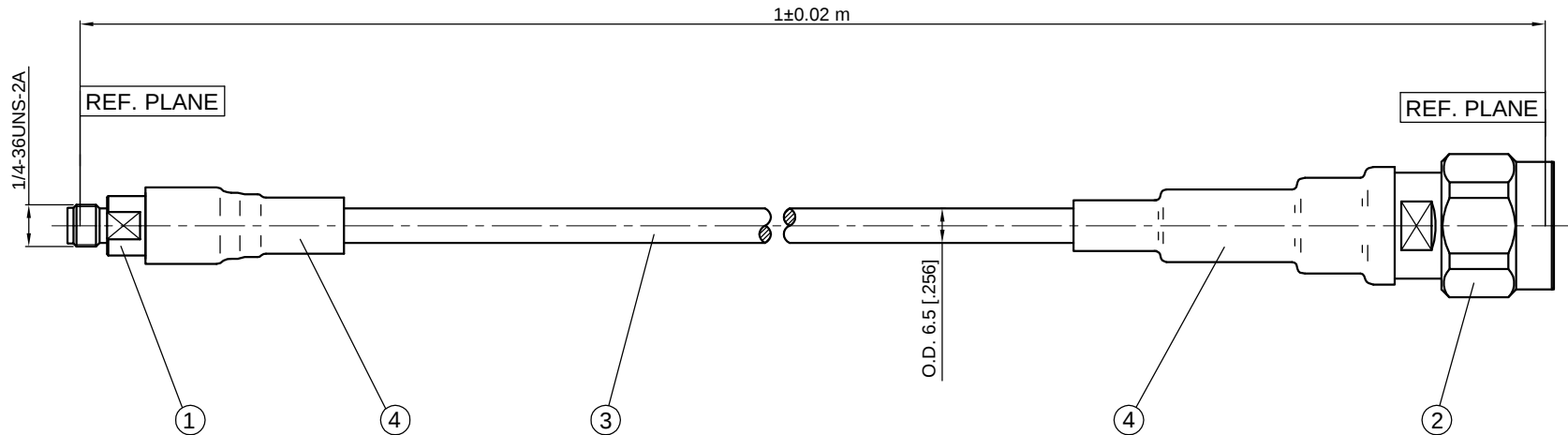
9. MATERIALS AND FINISHES

- 3.5mm Straight Female Connector:
Body - Stainless Steel (SU303), Passivated
Center contact - **Beryllium Copper Alloy** plated Gold
Insulator - PEI

N Straight Male Connector:

- Body - Stainless Steel (SU303), Passivated
Center contact - Beryllium Copper Alloy plated Gold
Insulator - PEI & PTFE

REVISIONS				
REV	DESCRIPTION OF REVISION	ECN No.	DATE	APPROVED
A	INITIAL RELEASE	—	02/26/2020	M. Dong



4		Dual Wall Heat-shrinkable Tube	2
3	CTAL-520	CTAL-520 Test Cable	1
2	50-03-2M66-245	N Straight Male Solder for CTAL-520 Cable	1
1	99-02-2M66-018	3.5mm Straight Female Solder for CTAL-520 Cable	1
S/N	Part No.	Description	QTY

RoHS Complaint

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 [.005"]
.X ±0.20 [.008"]
X ±0.50 [.019"]

ANGULAR TOLERANCES ARE: ALL= ±1°
OVERALL CABLE LENGTH TOLERANCES ARE: ±2%

DO NOT SCALE DRAWING

PROJECTION:



DRAWN:	L. Ma	02/26/2020
CHECKED:	J. Zhu	02/26/2020
APPROVED:	M. Dong	02/26/2020

TITLE:

Cable assembly, 3.5mm Straight
Female to N Straight Male,
CTAL-520 Cable, 1 Meter

CMPTER®
Cmptel Electronics Co., Ltd. www.cmptel.com

PART No.:

CA520AL-3.5F-NM-1M-2523

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