

TECHNICAL DATA

1. Impedance: 50 Ω
2. Temp. range: -40~+150 °C
3. Durability: 5000 Cycles
4. Armor Compressive: 1000N/25mm
5. Withstanding Voltage: 335V DC
6. Frequency range: 0~67 GHz
7. VSWR: ≤ 1.35
8. Insertion Loss: 7.68dB Max. @67GHz

9. Cable assembly to be 100% tested on VNA

10. MATERIALS AND FINISHES

1.85mm Male & Female Connectors:

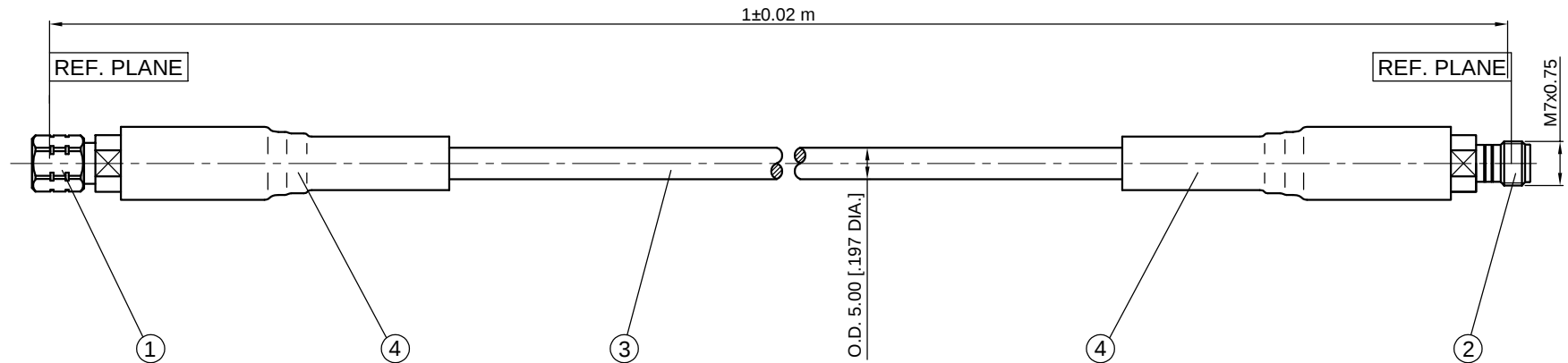
Body - Stainless Steel (SU303), Passivated

Center contact - Beryllium Copper Alloy plated Gold

Insulator - PEI

REVISIONS

REV	DESCRIPTION OF REVISION	ECN No.	DATE	APPROVED
A	INITIAL RELEASE	—	07/22/2021	M. Dong



4		Dual Wall Heat-shrinkable Tube	2
3	CTAL-500	CTAL-500 Test Cable	1
2	TW98-02-2M99-024	1.85mm Straight Female Solder for CTAL-500 Cable	1
1	TW98-03-2M99-023	1.85mm Straight Male Solder for CTAL-500 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 [0.005"]
X ± 0.20 [0.008"]
X ± 0.50 [0.019"]

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

DO NOT SCALE DRAWING

PROJECTION:



DRAWN: L. Ma 07/22/2021
CHECKED: J. Zhu 07/22/2021
APPROVED: M. Dong 07/22/2021

TITLE:

Cable assembly, 1.85mm Male to
1.85mm Female, CTAL-500 Cable,
1 Meter

CMP TER®
Cmpter Electronics Co., Ltd. www.cmpter.com

PART No.:

CA500AL-1.85M-1.85F-1M-3186

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