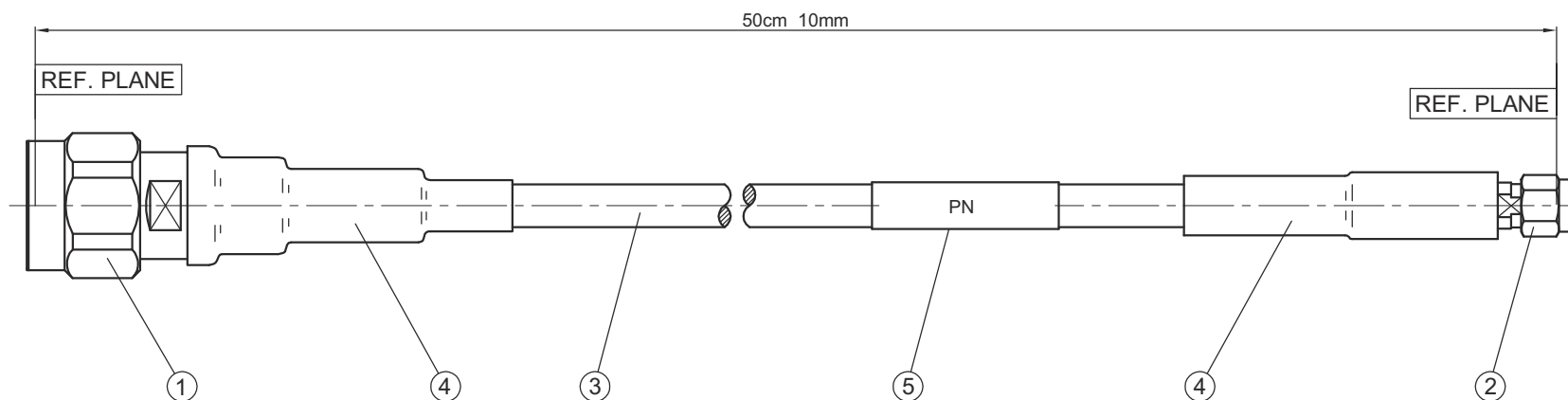


TECHNICAL DATA

1. Impedance: 50
2. Temp. range: -40~+150
3. Durability: 5000 Cycles
4. Armor Compressive: 100N/25mm
5. Withstanding Voltage: 500V DC
6. Min. Inside Bend Radius: 25mm
7. Frequency range: 0~18 GHz
8. VSWR: ! 1.25
9. Insertion Loss: ! 1.43dB
10. Mechanical Typical Phase Stability: " 3#

11. Mechanical Typical Phase Stability: " 3#
12. Mechanical Typical Amplitude Stability: " 0.03dB
13. Velocity of propagation: 74%
14. Cable assembly to be 100% tested on VNA
15. MATERIALS AND FINISHES
N & SMA Straight Male Connectors:
Body - Stainless Steel (SU303), Passivated
Coupling Nut - 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	——	11/20/2020	M. Dong
B	ADD CUSTOMER LABEL	——	11/24/2020	M. Dong
C	VSWR 1.20 → 1.25	——	12/04/2020	M. Dong



5		Customer Label (Black ink on White Tube)	2
4		Dual Wall Heat-shrinkable Tube	2
3	CTAL-520	CTAL-520 Test Cable	1
2	60-03-2M66-209	SMA Straight Male Solder for CTAL-520 Cable	1
1	50-03-2M66-245	N Straight Male 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 12/04/2020
CHECKED: J. Zhu 12/04/2020
APPROVED: M. Dong 12/04/2020

TITLE:
Cable assembly, N Straight Male
to SMA Straight Male, CTAL-520
Cable, 50cm

CMPPTER[®]

Cmptter Electronics Co., Ltd. www.cmptter.com

PART No.:
CA520AL-NM-SMAM-50cm-2800

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