

TECHNICAL DATA

1. Impedance: 50 Ω
2. Temp. range: -55~+125 $^{\circ}\text{C}$
3. Durability: 500 Cycles
4. Withstanding voltage: 500 V
5. Frequency range: 0~18 GHz
6. VSWR: ≤ 1.30
7. Insertion Loss: ≤ 3.75 dB
8. Cable assembly to be 100% tested by VNA

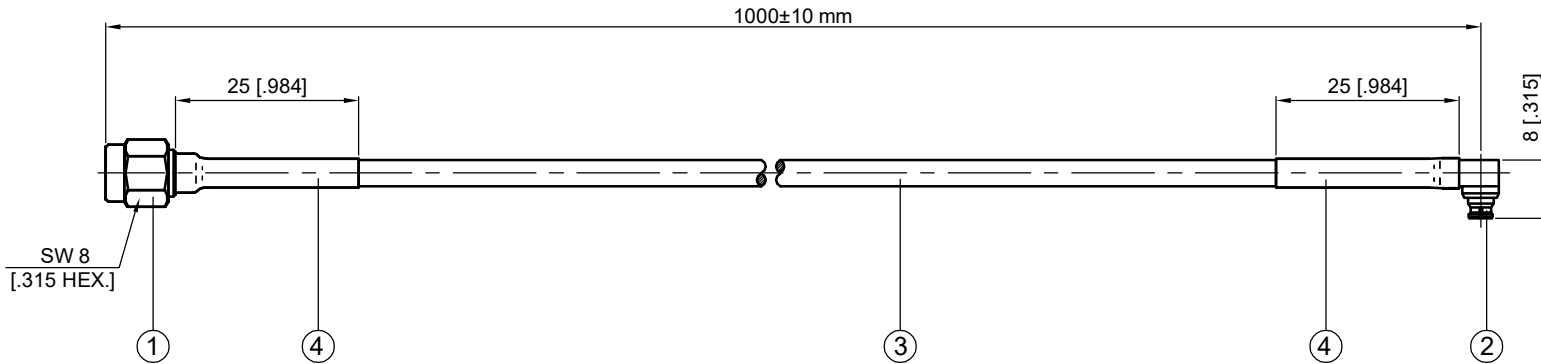
9. MATERIALS AND FINISHES

SMA Straight Male Connectors:

- Body - Brass plated Gold
- Coupling Nut - Brass plated Gold
- Center contact - Brass plated Gold
- Insulator - PTFE

SMP Right Angle Female Connector:

- Body - Beryllium Copper Alloy, Gold plated
- Center Contact - Beryllium Copper Alloy, Gold plated
- Insulator - PTFE



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

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

DO NOT SCALE DRAWING


PROJECTION:



4	HSTD-4-BK	4mm Diameter Dual Wall (Adhesive/glue) Heat-shrinkable Tube	2
3	HF086	Hand Formable Coax Cable 0.086 Diameter With Tinned Braid Outer Conductor	1
2	78-12-2M11-005	SMP Right Angle Male Solder for RG405/.086 cable	1
1	60-03-2M11-002	SMA Straight Male Solder for RG405/.085/.086 Cable	1
S/N	Part No.	Description	QTY

DRAWN:	L. Ma	05/20/2025
CHECKED:	J. Zhu	05/20/2025
APPROVED:	M. Dong	05/20/2025

TITLE:
Cable Assembly, SMA Straight
Male to SMP Right Angle Female,
.086 Hand-Formable Cable, 1 Meter

 Cmppter Electronics Co., Ltd. www.cmppter.com			
PART No.: CA086HF-SMAM-SMPRAF-1M-5348			
SIZE: A4	SCALE: 1:1	SHEET: 1/1	REV: A