

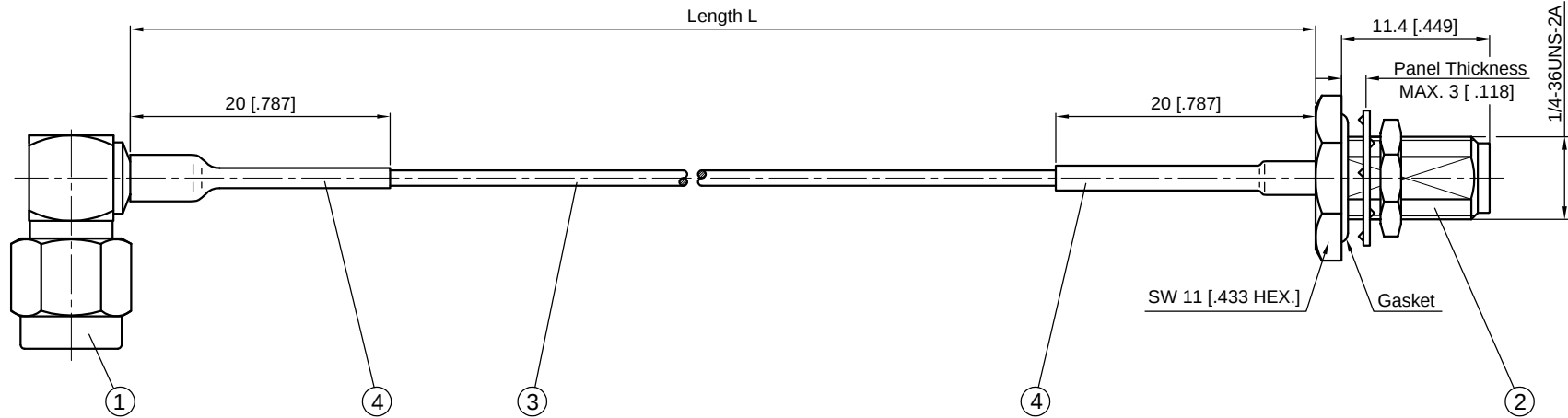
TECHNICAL DATA

1. Impedance: 50 Ω
2. Temp. range: -55~+125 $^{\circ}\text{C}$
3. Withstanding voltage: 500 V
4. Frequency range: 0~18 GHz
5. VSWR: ≤ 1.35
6. Durability: 500 cycles
7. Cable assembly to be 100% tested for continuity

8. MATERIALS AND FINISHES

SMA Right Angle Male Connector:
Body - Brass plated Gold
Center contact - Brass plated Gold
Coupling Nut - Stainless Steel, Passivated
Insulator - PTFE
Gasket - Silicone Rubber

SMA Waterproof Bulkhead Female Connector:
Body - Brass plated Gold
Center contact - Beryllium Copper Alloy plated Gold
Insulator - PTFE
Gasket - Silicone Rubber



Part No.	Length L (cm)
CA047HF-SMARAM-SMAFBW-20cm-3461	20 $\pm$ 0.4
CA047HF-SMARAM-SMAFBW-40cm-3462	40 $\pm$ 0.8
CA047HF-SMARAM-SMAFBW-50cm-3463	50 $\pm$ 1

4	HSTD-3.2-BK	3.2mm Diameter Dual Wall (Adhesive/glue) Heat-shrinkable Tube	2
3	HF047-FEP	Hand Formable Coax Cable 0.047 Diameter With Tinned Braid Outer Conductor with FEP Jacket	1
2	60-02-2D16-158	SMA Straight Waterproof Bulkhead Female Solder for .047 Cable	1
1	60-13-2M16-436	SMA Right Angle Male Solder for .047 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 [.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:



DRAWN: L. Ma 03/06/2022
CHECKED: J. Zhu 03/06/2022
APPROVED: M. Dong 03/06/2022

TITLE:

Cable Assembly, SMA Right Angle Male to SMA Waterproof Bulkhead Female .047 Hand-Formable FEP Cable

CMPTER[®]

Cmpter Electronics Co., Ltd. www.cmpter.com

PART No.:

CA047HF-SMARAM-SMAFBW-XXX-XXX

SIZE: A4 SCALE: 2.5:1 SHEET: 1/1 REV: A