

TECHNICAL DATA

1. Impedance: 50 Ω
2. Temp. range: -55~+125 $^{\circ}\text{C}$
3. Voltage rating: 500 Vrms
4. Frequency range: 0~3 GHz
5. Durability: 500 cycles
6. Cable assembly to be 100% tested for continuity

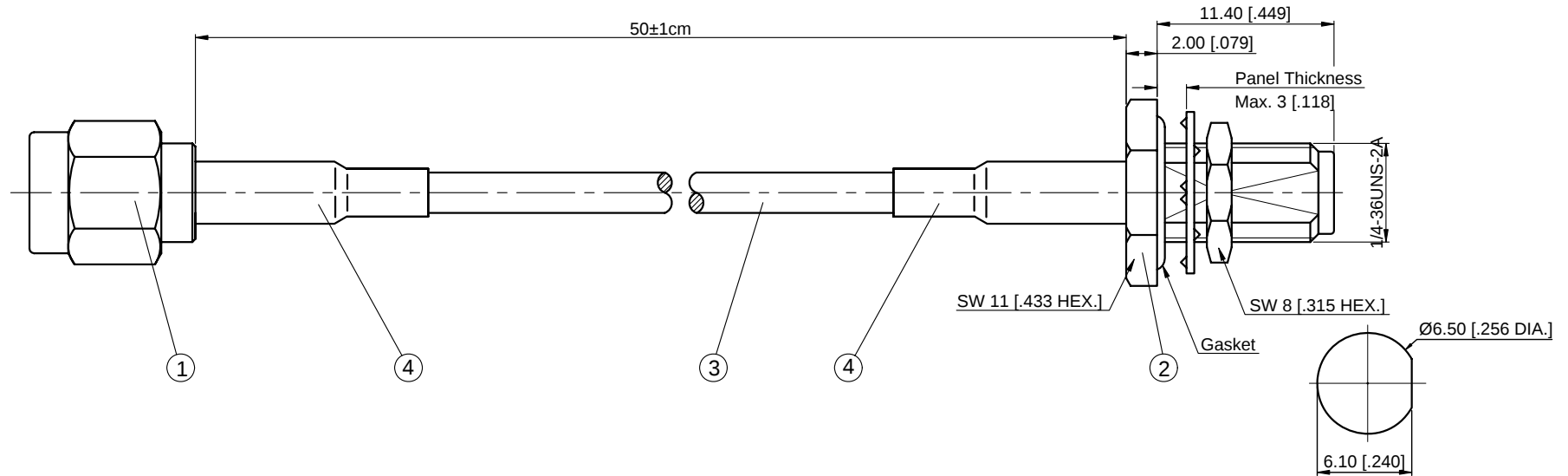
7. MATERIALS AND FINISHES

SMA Straight Male Connector

Body - Brass plated Gold
Center contact - Brass plated Gold
Insulator - PTFE
Coupling Nut - Brass plated Gold
Gasket - Silicone Rubber

SMA Straight Bulkhead Female Connector

Body - Brass plated Gold
Center contact - Beryllium Copper Alloy plated Gold
Insulator - PTFE
Washer - Beryllium Copper Alloy plated Gold
Fastening Nut - Brass plated Gold
Gasket - Silicone Rubber



Recommended Mounting Hole

4	HSTD-4-BK	4mm Diameter Dual Wall (Adhesive/glue) Heat-shrinkable Tube	2
3	RG316	Flexible RG316 Coax Cable Single shielded with Tan FEP Jacket	1
2	60-02-1B00-020	SMA Straight Waterproof Bulkhead Female Crimp for LMR100/ RG174/RG316 Cable	1
1	60-03-1M00-003	SMA Straight Male Crimp for LMR100/RG174/RG316 Cable	1
S/N	Part No.	Description	QTY

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 07/04/2013
CHECKED: J. Zhu 07/04/2013
APPROVED: M. Dong 07/04/2013

TITLE:
Cable Assembly, SMA Straight
Male to SMA Waterproof Bulkhead
Female, RG316 Cable, 50cm

CMPPTER[®]

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

PART NO.:
CA316-SMAM-SMAFBW-50cm-388

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

NOTES:

1. ALL SPECIFICATIONS ARE SUBJECT TO CHANGE WITHOUT NOTICE AT ANY TIME
2. UNLESS OTHERWISE SPECIFIED ALL DIMENSIONS ARE NOMINAL.