

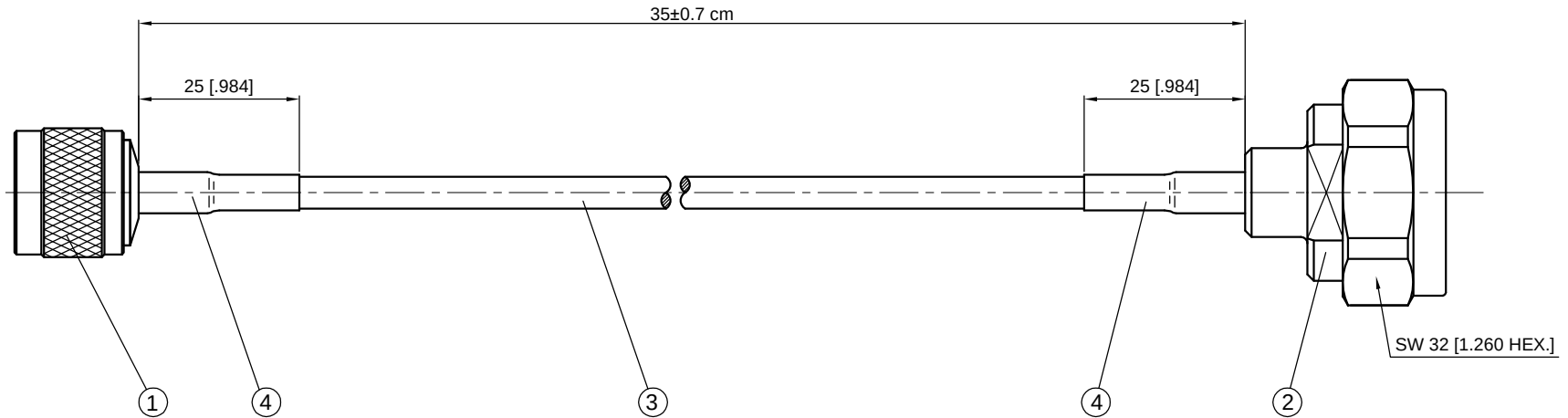
TECHNICAL DATA

1. Impedance: 50 Ω
2. Temp. range: -55~+165 $^{\circ}\text{C}$
3. Withstanding voltage: 500 V
4. **Frequency range: 0~3 GHz**
5. **Durability: 500 cycles**
6. **Cable assembly to be 100% tested for continuity**

7. MATERIALS AND FINISHES

N Straight Male Connector:
Body - Brass plated Nickel
Center contact - **Brass** plated Gold
Coupling Nut - Brass plated Nickel
Insulator - PTFE
Gasket - **Silicone Rubber**

7/16 Straight Male Connector:
Body - Brass plated Tri-Metal
Center contact - Brass plated Silver
Coupling Nut - Brass plated Nickel
Insulator - PTFE
Gasket - Silicone Rubber



4	HST-7-BK	Ø7mm Diameter Heat-shrinkable Tube (Black)	2
3	RG142	Flexible RG142 Coax Cable Double shielded with Black PVC Jacket	1
2	94-03-1M21-047	7/16 Straight Male Crimp for RG142/RG223/RG400 Cable	1
1	50-03-1M21-056	N Straight Male Crimp for RG142/RG223 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 04/19/2020
CHECKED: J. Zhu 04/19/2020
APPROVED: M. Dong 04/19/2020

TITLE:

Cable Assembly, N Straight
Male to 7/16 Straight Male,
RG142 Cable, 35cm

CMPTER®

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

PART No.:

CA142-NM-716M-35cm-2568

SIZE: A4 SCALE: 2:1 SHEET: 1/1 REV: A

NOTES:

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