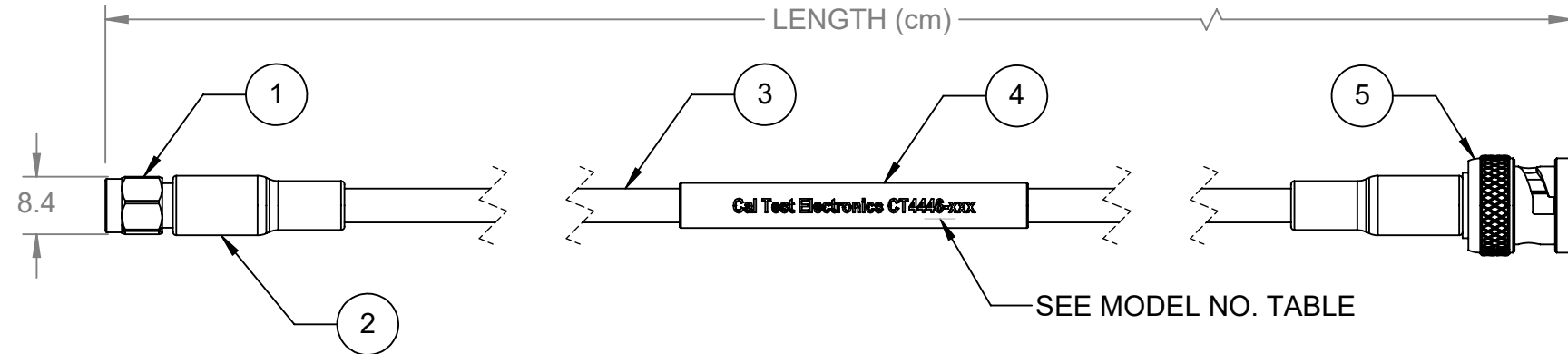


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REVISIONS			
REV.	DESCRIPTION	DATE	APPROVED
A	INITIAL RELEASE	1/19/2021	

- NOTES:**
- ALL SPECIFICATIONS SUBJECT TO CHANGE WITHOUT NOTICE.
  - MATERIAL:**
    - SMA MALE CONNECTOR -
      - BODY: BRASS, NICKEL PLT.
      - DIELECTIC: PTFE
      - CENTER CONDUCTOR: BRASS, GOLD PLT.
    - BNC MALE CONNECTOR -
      - BODY: BRASS, NICKEL PLT.
      - DIELECTIC: PTFE
      - CENTER CONDUCTOR: BRASS, GOLD PLT.
  - ELECTRICAL:**
    - IMPEDANCE: 50 Ω
    - FREQUENCY RANGE: DC - 4 GHZ
    - VSWR: 1.20:1 MAX. @ 1 GHZ
    - OPERATING FREQUENCY MAX.: 8 GHZ
    - RF SHIELDING: 90 DB
    - VELOCITY OF PROPAGATION: NOM. 69.2%
    - CAPACITANCE: 96.5 PF/m
  - MECHANICAL:**
    - OPERATING TEMPERATURE: -45°C TO +125°C
    - CABLE BEND RADIUS:
      - REPEATED MIN. - 50.8 mm
      - ONE-TIME MIN. - 25 mm
  - RECOMMENDED CONNECTOR TIGHTEN TORQUE:
    - SMA : 0.34 - 0.57 NM
  - ROHS 2 COMPLIANT.

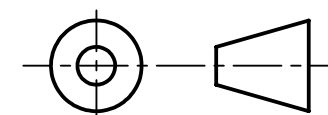


CT4446-100	100 ±1.5	-100
CT4446-60	60 ±1.0	-60
MODEL NUMBER	LENGTH & TOLERANCE IN cm	MODEL NUMBER -XXX EXTENTION

5	BNC MALE CONNECTOR
4	LABEL SLEEVE, BLACK SHRINK TUBING WITH WHITE LETTERING
3	RG142B/U COAXIAL CABLE
2	POLYOLEFIN SHRINK TUBING W/ADHESIVE, BLACK
1	SMA MALE CONNECTOR
ITEM NO.	DESCRIPTION

**METRIC**

THIRD ANGLE PROJECTION



UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN MILLIMETERS TOLERANCES ARE: PER DIN ISO 2768m

DO NOT SCALE DRAWING

MATERIAL SEE NOTES

TREATMENT N/A

FINISH SEE NOTES

PROJECT NO.

A662

APPROVALS

DRAWN WDH

CHECKER T.Schmidt

ENGR. B.Hansen

DESIGN ACTIVITY

DATE

1/19/2021

1/19/2021

1/19/2021

**Cal Test Electronics** 22820 Savi Ranch Parkway Yorba Linda, CA 92887

TITLE  
**RF CABLE ASSEMBLY, SMA MALE TO BNC MALE, RG142B/U**

SIZE **B** CAGE CODE **43F45** DWG. NO. **P444600** REV. **A**

SCALE 1:1 SHEET 1 OF 1

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