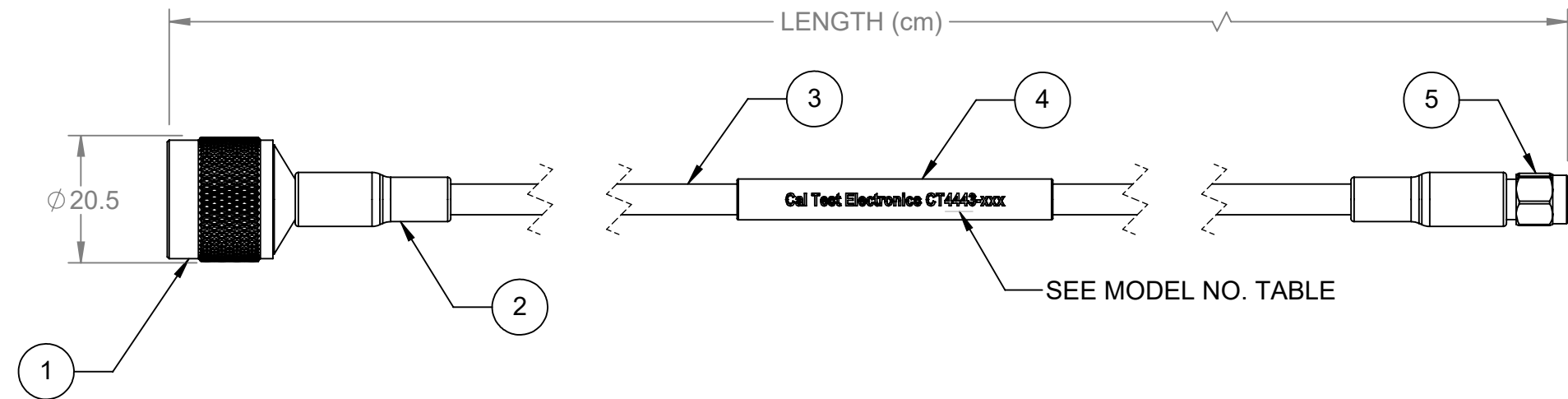


THIS IS ISSUED IN STRICT CONFIDENCE THAT IT IS NOT USED AS A BASIS FOR MANUFACTURE OR SALE AND THAT IT IS NOT COPIED, REPRINTED OR DISCLOSED TO A THIRD PARTY EITHER WHOLLY OR IN PART WITHOUT THE PRIOR WRITTEN CONSENT OF CAL TEST ELECTRONICS, INC.

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

- NOTES:**
- ALL SPECIFICATIONS SUBJECT TO CHANGE WITHOUT NOTICE.
  - MATERIAL:**
    - N MALE CONNECTOR -
      - BODY: BRASS, NICKEL PLT.
      - DIELECTIC: PTFE
      - CENTER CONDUCTOR: BRASS, GOLD PLT.
    - SMA MALE CONNECTOR -
      - BODY: BRASS, NICKEL PLT.
      - DIELECTIC: PTFE
      - CENTER CONDUCTOR: BRASS, GOLD PLT.
  - ELECTRICAL:**
    - IMPEDANCE: 50 Ω
    - FREQUENCY RANGE: DC - 6 GHZ
    - VSWR: 1.30:1 MAX. @ 6 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 TORQUES:
      - N : 0.70 - 0.89 NM
      - SMA : 0.34 - 0.57 NM
  - ROHS 2 COMPLIANT.

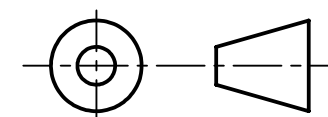


CT4443-100	100 ±1.5	-100
CT4443-60	60 ±1.0	-60
MODEL NUMBER	LENGTH & TOLERANCE IN cm	MODEL NUMBER -XXX EXTENTION

5	SMA MALE CONNECTOR
4	LABEL SLEEVE, BLACK SHRINK TUBING WITH WHITE LETTERING
3	RG142B/U COAXIAL CABLE
2	POLYOLEFIN SHRINK TUBING W/ADHESIVE, BLACK
1	N 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

DATE

DRAWN

WDH

1/19/2021

CHECKER

T.Schmidt

1/19/2021

ENGR.

B.Hansen

1/19/2021

DESIGN ACTIVITY

**Cal Test Electronics**

22820 Savi Ranch Parkway  
Yorba Linda, CA 92887

TITLE

**RF CABLE ASSEMBLY, N MALE TO SMA MALE, RG142B/U**

SIZE  
**B**

CAGE CODE  
**43F45**

DWG. NO.

**P444300**

REV.  
**A**

SCALE 1:1

SHEET 1 OF 1