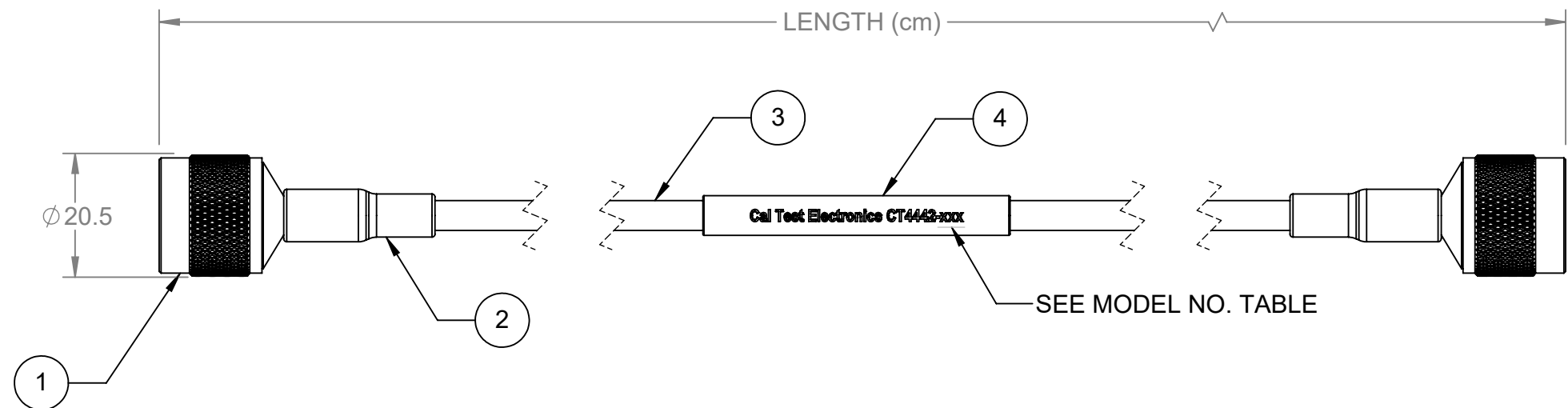


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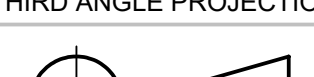
| REVISIONS | | | |
|-----------|-----------------|-----------|----------|
| REV. | DESCRIPTION | DATE | APPROVED |
| A | INITIAL RELEASE | 1/19/2021 | |

NOTES:

1. ALL SPECIFICATIONS SUBJECT TO CHANGE WITHOUT NOTICE.
2. MATERIAL:
 - N MALE CONNECTOR -
 - BODY: BRASS, NICKEL PLT.
 - DIELECTIC: PTFE
 - CENTER CONDUCTOR: BRASS, GOLD PLT.
3. 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
4. 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:
 - N : 0.70 - 0.89 NM
5. ROHS 2 COMPLIANT.



| | | |
|--------------|--------------------------|-----------------------------|
| CT4442-100 | 100 \pm 1.5 | -100 |
| CT4442-60 | 60 \pm 1.0 | -60 |
| MODEL NUMBER | LENGTH & TOLERANCE IN cm | MODEL NUMBER -XXX EXTENTION |

| | | | | | | | | | | | |
|----------|-------------|--|--|--|----------------------|-----------|---|-----------------|-----------|--------------------|---------------------|
| 4 | | LABEL SLEEVE, BLACK SHRINK TUBING WITH WHITE LETTERING | <div>METRIC</div> <div>THIRD ANGLE PROJECTION</div> <div></div> | UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN MILLIMETERS TOLERANCES ARE: PER DIN ISO 2768m | PROJECT NO. A662 | | <div>Cal Test Electronics</div> 22820 Savi Ranch Parkway Yorba Linda, CA 92887 | | | | |
| 3 | | RG142B/U COAXIAL CABLE | | DO NOT SCALE DRAWING | APPROVALS | DATE | TITLE RF CABLE ASSEMBLY, N MALE TO N MALE, RG142B/U | | | | |
| 2 | | POLYOLEFIN SHRINK TUBING W/ADHESIVE, BLACK | | MATERIAL SEE NOTES | DRAWN WDH | 1/19/2021 | | | | | |
| 1 | | N MALE CONNECTOR | | TREATMENT N/A | CHECKER T.Schmidt | 1/19/2021 | ENGR. B.Hansen | 1/19/2021 | SIZE B | CAGE CODE 43F45 | DWG. NO. P444200 |
| ITEM NO. | DESCRIPTION | | FINISH SEE NOTES | DESIGN ACTIVITY | | | SCALE 1:1 | SHEET 1 OF 1 | | | |

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