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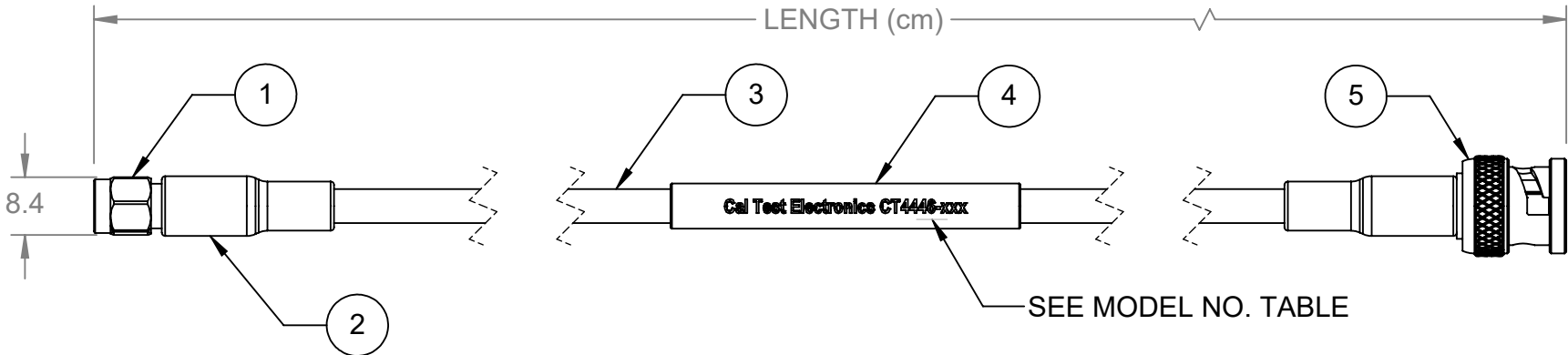
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NOTES:

1. ALL SPECIFICATIONS SUBJECT TO CHANGE WITHOUT NOTICE.
2. 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.
3. 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
4. MECHANICAL:
  - OPERATING TEMPERATURE: -45°C TO +125°C
  - CABLE BEND RADIUS:
    - REPEATED MIN. - 50.8 mm
    - ONE-TIME MIN. - 25 mm
5. RECOMMENDED CONNECTOR TIGHTEN TORQUE:
  - SMA : 0.34 - 0.57 NM
6. ROHS 2 COMPLIANT.



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

CT4446-100		100 ±1.5		-100		
CT4446-60		60 ±1.0		-60		
MODEL NUMBER		LENGTH & TOLERANCE IN cm		MODEL NUMBER -XXX EXTENTION		
MODEL NUMBER TABLE						
UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN MILLIMETERS TOLERANCES ARE: PER DIN ISO 2768m  DO NOT SCALE DRAWING	PROJECT NO.  A662		22820 Savi Ranch Parkway Yorba Linda, CA 92887			
	APPROVALS		DATE		TITLE  RF CABLE ASSEMBLY, SMA MALE TO BNC MALE, RG142B/U	
	DRAWN WDH		1/19/2021			
	CHECKER T.Schmidt		1/19/2021			
	ENGR. B.Hansen		1/19/2021			
MATERIAL SEE NOTES	DESIGN ACTIVITY		SIZE B	CAGE CODE 43F45	DWG. NO. P444600	REV. A
TREATMENT N/A			SCALE 1:1	SHEET 1 OF 1		
FINISH SEE NOTES						

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

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# Mouser Electronics

Authorized Distributor

Click to View Pricing, Inventory, Delivery & Lifecycle Information:

[Cal Test Electronics:](#)

[CT4446-100](#) [CT4446-60](#)