

Sample Questions

Below are three typical examination questions. The correct answer is marked with an asterisk (*).

1. A low voltage contractor needs to wire 25 offices with Cat 6 voice and data. The distance between the IT room and the offices is an average of 250'. How many 1,000-foot boxes of cable will the contractor need?
 - a. 7
 - b. 8
 - c. 12
 - d. 13*
2. When testing a fiber optic cable, what must be known to calibrate the equipment before a test can be performed?
 - a. The index of refraction*
 - b. The capacitance
 - c. The splice loss
 - d. The impedance
3. What type of jack should be used on a Cat 6 cable installation?
 - a. RJ-45*
 - b. RJ-21
 - c. RJ-14
 - d. RJ-11

All questions are written and reviewed by licensed contractors who are actively working in the trade

Resources

Publisher information for reference books and code is provided below. Other sources for reference books may be found online.

California code books can be viewed online:
www.dgs.ca.gov/bsc

2022 California Building Code. California Code of Regulations, Title 24. International Code Council.
PHONE: (800) 786-4452
INTERNET: www.iccsafe.org

2022 California Electrical Code. California Code of Regulations, Title 24. BNI Publications, Inc.
PHONE: (888) 264-2665
INTERNET: www.bnibooks.com

2022 California Fire Code. California Code of Regulations, Title 24. International Code Council.
PHONE: (800) 786-4452
INTERNET: www.iccsafe.org

ANSI/CEA/CEDIA/InfoComm Standard: Audio, Video and Control Architectural Drawing Symbols Standard. ANSI-J-STD-710 (CEA/CEDIA-2039). 2015. Consumer Electronics Association/Custom Electronic Design & Installation Association/InfoComm International.
INTERNET: webstore.ansi.org

BICSI: Telecommunications Distribution Methods Manual (TDMM). 14th Edition. BICSI.
PHONE: (800) 242-7405
INTERNET: www.bicsi.org

State of California General Industry & Electrical Safety Orders (Cal/OSHA) and State of California Construction & Electrical Safety Orders (Cal/OSHA). 2023. California Code of Regulations, Title 8. Mancomm.
PHONE: (877) 626-2666
INTERNET: www.mancomm.com
VIEW ONLINE:
www.dir.ca.gov/dosh/LawsAndRegulations.htm

TIA Wiring Standards. Telecommunications Industry Association.
PHONE: (800) 447-2273
INTERNET: global.ihs.com

Ugly's Electrical References. Jones & Bartlett Learning.
PHONE: (800) 832-0034
INTERNET: www.uglys.net

Publisher information is current as of 7/23