

Wiring and Cabling

1. What is the purpose of wiring?
2. Compare and contrast solid and stranded wires.
3. What is the purpose of insulation used in wiring?
4. Describe the three basic categories of the environment where wiring is used.
5. What are bare wires? Where are they used?



6. Why is wire resistance important in power wiring?
7. What is hook-up wire?
8. What is a cable?
9. How are cables insulated using an armoured sheath?
10. When does a two-wire cable become a transmission line?
11. What is surge impedance?



12. What happens if a transmission line is not terminated in its characteristic impedance?

13. What is the velocity factor?

14. What causes cross talk?

15. What is another name for a modular connector?

16. What is a punch down block?

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23. What are the three main reasons wiring and cabling cause equipment failure?
24. What should you look at when you suspect wiring and cabling cause equipment failure?
25. What are time domain reflectometry (TDR) tests?