

Network Cables

At the end of this episode, I will be able to:

1. Identify network cables and their attributes.

Exam Objective: 3.1 - Explain basic cable types and their connectors, features, and purposes.

Description: In this episode, we will discuss network cables and the characteristics associated with a variety of cables types.

- Network cables
 - **Copper**
 - **Twisted pair**
 - **UTP vs. STP**
 - **RJ-45** connector
 - **Plenum vs. non-plenum**
 - Specifications (**Specs**)
 - Cat 5
 - Cat 5e
 - Cat 6
 - Cat 6a
 - T568A/T568B
 - **Coaxial**

- **RG-59 and RG-6**
 - Direct burial
 - **BNC** connector
 - **F** connector
- **Fiber**
 - **Single-mode**
 - **Multimode**
 - **Subscriber Connector**
 - **Lucent Connector**