

## Submission Details

Grade: 8 / 10

### Discussion (Q & A) 3.1 Networking Concepts

JAMES DANIEL VERANO submitted Sep 18 at 11:26pm

The submissions for this assignment are posts in the assignment's discussion. Below are the discussion posts for JAMES DANIEL VERANO, or you can [view the full discussion](#).

from [Discussion \(Q & A\) 3.1 Networking Concepts](#)

Sep 18, 2025 11:26PM



**Coaxial Cables** are know to represent data in the form of electrical signals. Based to NETACAD, it provides an improvised shielding, has a higher signal-to-noise ratio wherein this ratio allows it to carry more data. Meanwhile **Twisted-pair Cable**, compared to coaxial, they are know to be more cheaper and easier to install and troubleshoot. Twisted-pair cables represent data in the form of using voltage levels sent. Compared to coaxial, wherein the frequency sent or the signals being sent are randomized, twisted-pair cables has a consistent voltage level and control in giving out the data. Lastly, the **fiber-optic cables**, the well known common cable used in computers and data transfer nowadays, It uses light to transmit signal. that are sent through thin glass or plastic strands. It different types of features to maintain efficiency in representing data and strengthening of material.

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