

Topic / Issue: Fibre Optic Cabling

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(The other associated name is 10Base-FL)

Following rules apply when using Fiber Optic cabling.

Maximum segment length is 2000m
Maximum length of the entire network trunk is 5000m.
Maximum number of repeaters is 4

Advantages of Fiber Optic Cabling:

Immune to interference from external sources
Extremely reliable and secure transmission media
Supports very high bandwidth.

Disadvantages of Fibre Optic Cabling:

Network interfaces and cables are relatively expensive.
Connections require high-precision manufacturing and careful handling.
Relatively complex to configure and install.

Summary:
(If required)