

| Standard | Cabling | Cable Details | Connectors | Length |
|---------------------|-------------------|------------------------|---------------------------|----------------|
| 10/100Base-X | | | | |
| 10Base-T | UTP | Cat 3 or better | RJ-45 | 100 meters |
| 10Base-FL | Multimode Fiber | Fiber | Variable (Common: ST) | 2 km |
| 100Base-T | UTP | Cat 5 or better | RJ-45 | 100 meters |
| 100Base-FX | Multimode Fiber | Multimode | Variable (Common: ST) | 400 meters |
| 1000Base-X | | | | |
| 1000Base-CX | Copper | Twinax | Twinax | 25 meters |
| 1000Base-SX | Multimode Fiber | 850 nm (wavelength) | Variable (Common: LC) | 220-500 meters |
| 1000Base-LX | Single-mode Fiber | 1300 nm (wavelength) | Variable (Common: LC, SC) | 5 km |
| 1000Base-TX | Cat 5e/6 UTP | Four-Pair, Full Duplex | RJ-45 | 100 meters |
| 10GBase-X | | | | |
| 10GBase-SR/SW | Multimode Fiber | 850 nm (wavelength) | Variable | 26-300 meters |
| 10GBase-LR/LW | Single-mode Fiber | 1310 nm (wavelength) | Variable (Common: LC) | 10 km |
| 10GBase-ER/EW | Single-mode Fiber | 1550 nm (wavelength) | Variable (Common: LC, SC) | 40 km |
| 10GBase-T | Cat 6/6a UTP | Four-Pair, Full Duplex | RJ-45 | 55/100 meters |