

General Specifications for Cat6 FTP 305m Cable

- **Cable Type:** Cat6 or Cat6E FTP (Foil Twisted Pairs).
- **Length:** 305 meters (1000 ft).
- **Conductor Material:** Solid Bare Copper.
- **AWG (Wire Gauge):** Typically 23 AWG or 24 AWG.
- **Frequency (Bandwidth):** 250 MHz (Cat6) up to 350-500 MHz (Cat6E).
- **Data Transfer Speed:** Supports 1 Gbps Ethernet, sometimes up to 10 Gbps over short distances.
- **Shielding:** Individual twisted pairs with an overall aluminum foil shield and a drain wire.
- **Jacket Material:** PVC or LSZH (Low Smoke Zero Halogen).
- **Standards Met:** ANSI/TIA-568.2-D, ISO/IEC 11801.