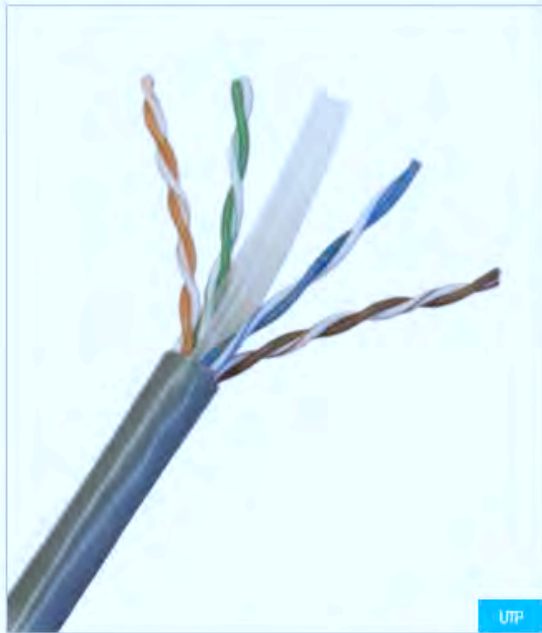


Category 6 LAN Cable

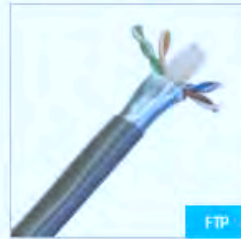


Category 6 LAN Cable

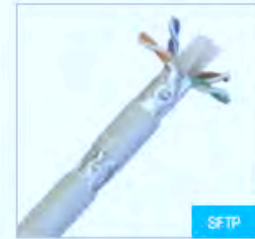
Lincom Category 6 (CAT6) copper cable is a 23 American Wire Gauge (AWG) and available in UTP, FTP and SFTP. Our cables are tested and certified by UL and 3P, verified by EC and comply with ISO11801. All outer jackets can be PVC, PE or LSZH and options suitable for indoor or outdoor use.



UTP



FTP



SFTP

Features & Benefits

- UL & 3P certified
- For Gigabit ethernet and up to 2.5Gbit/s applications
- All cables meet or exceed the requirement proposed by TIA/EIA 568 B.2, ISO/IEC 11801 Category 6
- Striped cross frameworks to match corresponding pairs
- 4 twisted-pair cable
- 23AWG insulated copper conducts with PVC jacket
- Twisted pairs are brightly coloured and distinguished at a glance
- Ultra smooth jacket easy to pull in tight spaces

Ordering Information

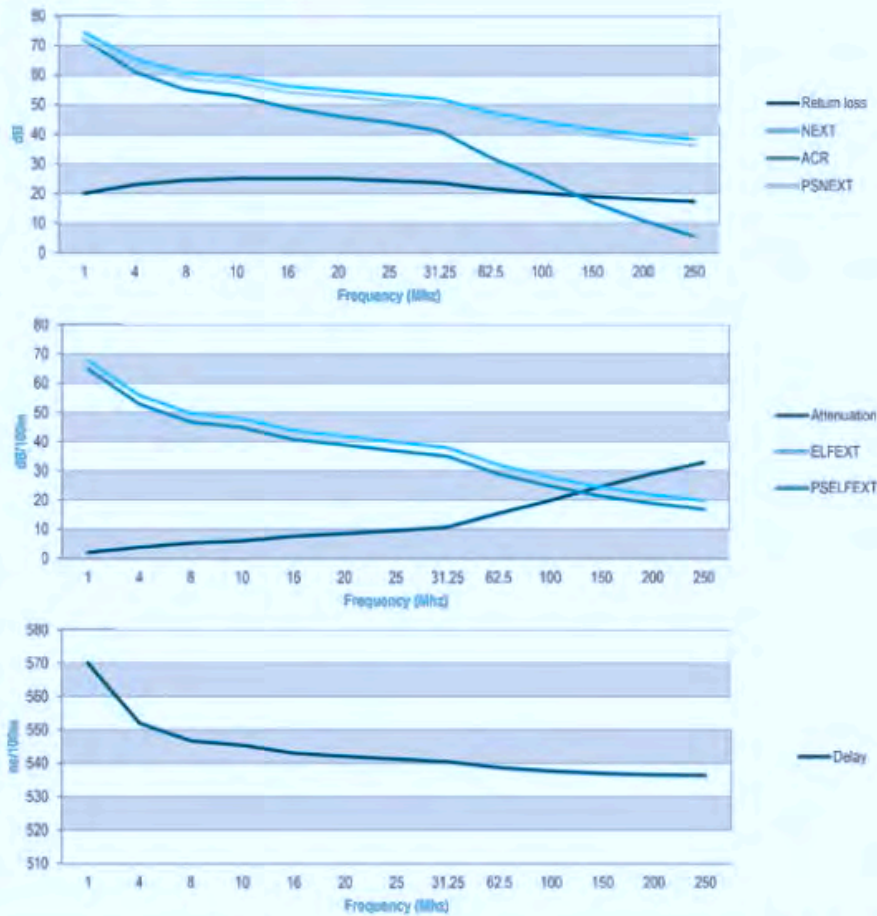
Using the available configurations amend/create product codes using the formula below.

| Construction | | Sheath Material | |
|----------------------------|-------------|-----------------|-------------|
| UTP (U/UTP) | UTP | PVC | PVC |
| FTP (F/UTP) | FTP | LSZH | LSZH |
| SFTP (S/UTP) | SFTP | PVC/PE Outdoor | OUT |
| FTP | 6 | LSZH | 500 |
| Category | | Length | |
| Category 6 (CAT6) 6 | | 305m Box | 305 |
| | | 500m Reel | 500 |

Example: FTP6LSZH500 - Category 6 FTP LSZH LAN Cable 500m Reel



Electrical & Mechanical Characteristics



| | | | |
|-------------------------------|-------------------|--|----------------|
| Conductor | Solid Bare Copper | 1.0-100.0MHz Impedance (ohms) | 100 ± 15 |
| American Wire Gauge (AWG) | 23 | 100.0-250MHz Delay Skew (ns/100m) | 100 ± 20 |
| Insulation | HDPE | 1.0-250.0MHz Impedance (ohms) | ≤45 |
| Average Thickness (±0.03mm) | 0.22 | Pair-to-Ground Capacitance Unbalance (pF/100m) | ≤330 |
| Minimum Point Thickness (mm) | 0.20 | Mix. Conductor DC Resistance 20oC (ohms/km) | 73.2 |
| Insulation Diameter (±0.05mm) | 1.00 | Resistance Unbalance (%) | ≤5 |
| Twisting Lay Length (mm) | ≤30 | Test Object | Jacket |
| Cable Laying Length (±mm) | 140 | Test Material | PVC |
| Filler | HDPE | Before Tensile Strength (Mpa) | ≥13.8 |
| Jacket | PVC or LSZH | Aging Elongation (%) | ≥100 |
| Average Thickness (±0.05mm) | 0.50 | Aging Condition (oC x hrs) | 100 x 240 |
| Minimum Point Thickness (mm) | 0.40 | After Tensile Strength (Mpa) | ≥85% of unaged |
| Outer Diameter (±0.2mm) | 6.20 | Aging Elongation (%) | ≥50% of unaged |
| Rip Cord | Per Request | Cold Bend (-20±2oC x 4hrs) | No crack |