

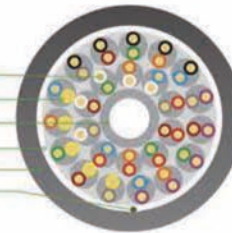
STRUCTURE CABLING

LAN CABLE

U/UTP unshielded CAT5e Twisted 25 Pair Installation Cable



Copper Conductor
 HDPE Insulation
 Filler
 PET
 Jacket
 Rip Cord



Electrical Characteristics

- Impedance: 1-100MHz 100±15(Ohms).
- Rated Temperature: 75°C.
- DC Resistance Unbalance(%): Max 2.5.
- DC Resistance 20°C: 111(Ohms).
- Pair-to-Ground Capacitance Unbalance: 330(pF/100M).
- Insulation Resistance: >5000MΩ*Km.
- Dielectric strength: DC 2500V 2S.

Mechanical Characteristics

- Cable under the minimum tension ≥400N.
- Conductor elongation: ≥15%.
- Jacket before Aging
 Tensile Strength ≥13.5Mpa
 Elongation ≥150%.
- Jacket After Aging
 Tensile Strength ≥12.5Mpa
 Elongation ≥125%.

Application

- Meets or exceeds requirements of ANSI/TIA-568-C.2 Category 5e and ISO 11801 2nd Edition Class D channel standards.
- Meets or exceeds requirements of ANSI/TIA-568-C.2 and IEC 61156-5 Category 5e component standards.
- Third party tested to Category 5e channel compliance.
- Meets requirements of IEEE 802.3af and IEEE 802.3at for PoE applications.
- Descending length cable markings enable easy identification of remaining cable which reduces installation time and cable scrap.
- Color Availability: Additional cable colors available.
- Patent products: CN201020093721.3.

Order information

Item	Outer Jacket	Overall diameter(mm)
D105-25A-P	CMX	12.5±1.0
D105-25A-L	LSZH	12.5±1.0
D105-25A-E	LDPE	12.5±1.0