

# STRUCTURE CABLING LAN CABLE

## U/UTP unshielded CAT3 Twisted 25/50/100 Pair Installation Cable



### Application

- Exceeds requirements of ANSI/TIA-568-C.2 Category 3 and ISO 11801 Class C channel standards.
- Exceeds the requirements of ANSI/TIA-568-C.2 Category 3 component standards.
- Descending cable length markings enable easy identification of remaining cable which reduces installation time and cable scrap.
- Color Availability: Additional cable colors available.
- Patent products:CN200920124769. 9.

### Mechanical Characteristics

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

### Electrical Characteristics

- Impedance:1-16MHz  $100\pm 15(Ohms)$ .
- Rated Temperature:  $75^{\circ}C$ .
- DC Resistance Unbalance(%): Max 2.5.
- DC Resistance  $20^{\circ}C$ : 111(Ohms).
- Pair-to-Ground Capacitance Unbalance: 330(pF/100M).
- Insulation Resistance:  $>5000MQ \cdot Km$ .
- Dielectric strength: DC 2500V 2S.

### Order information

Item	Outer Jacket	Overall diameter(mm)
D105-25-P	CMX	12.5 $\pm$ 1.0
D105-25-L	LSZH	12.5 $\pm$ 1.0
D105-25-E	LDPE	12.5 $\pm$ 1.0
D105-50-P	CMX	17.2 $\pm$ 1.0
D105-50-L	LSZH	17.2 $\pm$ 1.0
D105-50-E	LDPE	17.2 $\pm$ 1.0
D105-100-P	CMX	23.5 $\pm$ 1.0
D105-100-L	LSZH	23.5 $\pm$ 1.0
D105-100-E	LDPE	23.5 $\pm$ 1.0