



Product advantage

- It adopts advanced winding process and conforms to TIA/EIA 568 and ISO/IEC 11801 characteristic standards.
- Indoor Cat.3 communication cables are suitable for being used as the voice backbone transmission medium of building complexes and vertical backbone subsystems.
- The large logarithm communication cable can also be used as the telecommunication line of the local telecommunication network or the private network line connected to the public network.
- The outer skin is made of standard fire-resistant materials and can be made of flame-retardant PVC and LSOH low smoke halogen-free materials.

Product characteristics

Conductor wire gauge: bare copper wire, 0.4mm+0/-0.02mm
 Operating voltage: minimum 30VDC / maximum 72VDC
 Strength between conductors of insulated electrical apparatus: DC 2000V/3S no breakdown
 Strength between conductor and shield of insulated electrical apparatus: DC 6000V/3S no breakdown
 Average value of working capacitance nf/km: 52 ± 2
 Conductor material: annealed bare copper wire
 Sheath material: PVC / LSOH (indoor), polyethylene PE (outdoor)
 Insulation material: polyethylene PE
 Line pair unit: 25 pairs of integer multiples
 Operating temperature: -20 °C ~ +60 °C

Can be used

- Fixed communication line of local telecommunication network
- Audio transmission
- 150kHz and below analog signal
- Digital signal of 2mbit/s and below
- TP-PMD
- ISDN integrated services data network

Meet the standards

IEC 60332-1-2

Order information

Product model	Description	Packing
FL-31DUI-025	25 pairs indoor Cat.3 unshielded twisted pair,PVC,0.4mm	305m/reel
FL-31DUI-050	50 pairs indoor Cat.3 unshielded twisted pair,PVC,0.4mm	305m/reel
FL-31DUI-100	100 pairs indoor Cat.3 unshielded twisted pair,PVC,0.4mm	305m/reel
FL-31CUI-025	25 pairs indoor Cat.3 unshielded twisted pair,PVC,0.5mm	305m/reel
FL-31CUI-050	50 pairs indoor Cat.3 unshielded twisted pair,PVC,0.5mm	305m/reel
FL-31CUI-100	100 pairs indoor Cat.3 unshielded twisted pair,PVC,0.5mm	305m/reel
FL-32DUI-025	25 pairs indoor Cat.3 unshielded twisted pair,LSOH,0.4mm	305m/reel
FL-32DUI-050	50 pairs indoor Cat.3 unshielded twisted pair,LSOH,0.4mm	305m/reel
FL-32DUI-100	100 pairs indoor Cat.3 unshielded twisted pair,LSOH,0.4mm	305m/reel
FL-32CUI-025	25 pairs indoor Cat.3 unshielded twisted pair,LSOH,0.5mm	305m/reel
FL-32CUI-050	50 pairs indoor Cat.3 unshielded twisted pair,LSOH,0.5mm	305m/reel
FL-32CUI-100	100 pairs indoor Cat.3 unshielded twisted pair,LSOH,0.5mm	305m/reel
FL-37DUI-025	25 pairs outdoor Cat.3 unshielded twisted pair,PE,0.4mm	305m/reel
FL-37CUI-025	25 pairs outdoor Cat.3 unshielded twisted pair,PE,0.5mm	305m/reel
FL-38DUI-025	25 pairs outdoor Cat.3 unshielded twisted pair,PE,Gel-Filled,0.4mm	305m/reel
FL-38CUI-025	25 pairs outdoor Cat.3 unshielded twisted pair,PE,Gel-Filled,0.5mm	305m/reel