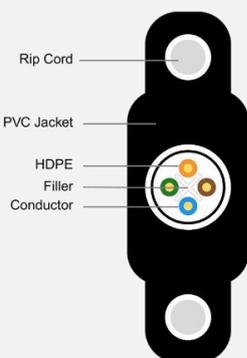


SCHNELL CAT6 UTP 23 AWG 4 PAIR ELEVATOR CABLE

Schnell CAT6 UTP Elevator Cable is a high-performance 4-pair 23 AWG unshielded twisted pair (U/UTP) cable designed for vertical, flexible installations such as elevators. Tested to 500 MHz, it supports 10/100/1000BASE-T and PoE applications. The robust LSZH/PVC jacket ensures flame resistance and mechanical durability under constant motion.



DIAGRAM & CONSTRUCTION

<p>Conductor : Solid Bare Copper</p> <p>Conductor Size : 23 AWG</p> <p>Twisting : 4-Pair U/UTP</p> <p>Insulation : HD-PE</p> <p>Material</p>		<p>Jacket Material : PVC or LSZH (Flame Retardant, UL94V-0)</p> <p>Contact Blade : Phosphor Bronze</p> <p>Gold Plating : 30 μin</p> <p>Color Options : Aqua, Black, Blue, Green, etc.</p>
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ELECTRICAL CHARACTERISTICS

Frequency Range	: Up to 500 MHz
Impedance	: 100 ± 6 Ω
DC Conductor Resistance	: ≤ 20 Ω
Resistance Unbalance	: ≤ 2%
Insulation Resistance	: ≥ 10 MΩ
Contact Resistance	: ≤ 20 mΩ
Dielectric Strength	: 1000 V / 1 min

PHYSICAL CHARACTERISTICS

Outer Jacket	: PVC / LSZH
Cable to Plug Tensile Strength	: ≥ 90 N (9 Kgf)
Durability (Plug Cycles)	: ≥ 750 Cycles
Operating Temperature Range	: -25°C to +70°C

KEY FEATURES

- Flexible for vertical motion in elevator shafts
- Tested up to 500 MHz for Gigabit Ethernet
- Flame-retardant jacket (PVC/LSZH)
- Excellent mechanical durability and tensile strength

KEY APPLICATIONS

- Elevator cabling systems
- 10/100/1000BASE-T Ethernet
- Power over Ethernet (PoE)
- CCTV, VoIP, ISDN, ATM, and broadband video

REACTION TO FIRE

Flame Retardant Rating	: IEC 60332-1-2
Material Flammability	: UL 94 V-0
Low Smoke / Halogen Free	: Available in LSZH Option

STANDARDS

- ANSI/TIA-568.2-D
- ISO/IEC 11801:2011 Ed 2.2
- IEC 60332-1-2
- EN 50173-1 & EN 50173-2
- IEC 61935-2:2010 Ed 3.0

PACKING INFORMATION

Part Number	Packing Mode	Roll Length	N.W (kg)	G.W (kg)	Dimension (mm)
SCZ-5010C623ELBK	Plywood Reel/Ctn	305 Mtr	18.0	19.8	420 x420x 260

PART NUMBER

Part Number	Description
SCZ-5010C623ELBK	SCHNELL CAT6 UTP 23 AWG 4 PAIR ELEVATOR CABLE PVC