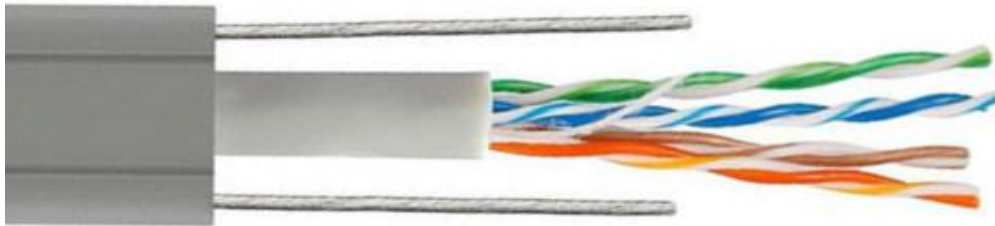


TVVBG Elevator Data Cat6 Cable



Applications:

Flat elevator data cable is specially designed for elevators. It's manufactured for transmission of voice, video and data signals while the elevator room is travelling.

This cable is standardized on Cat 6A S/FTP cable construction, supports 500 MHz frequency (10Gbps), and supports Power over Ethernet (PoE) devices installed inside the elevator cabin.

General Construction:

Conductor: Stranded Tinned Copper

Insulation: Skin-foam-skin PE

Inner core Color: According to TIA/EIA 568-B

(Orange-white, Orange)

(Green-white, Green)

(Blue-white, Blue)

(Brown-white, Brown)

Data Cable Pairs: 1 X 4 Twisted Pairs (Optional)

Support members: 2 Galvanized steel ropes

Outer jacket: PVC (Elastic material for elevator)

Rated voltage: 300/500V

Test voltage: 2500V

Minimum bending radius: 10×outer diameter

Working temperature: -15°C -----+70°C

Mechanical Characteristics

Working Speed: 4.0 m/s max

Free Suspended Length: 48.0 m max

Travelling Length: 80.0 m max

Supporting Members: 2 steel ropes

Tensile Strength: ≥ 100 N maximum

Sheath Elongation: ≥ 300%

Specification Details:

Type	Specification	Width mm	Thickness mm	Steel Rope
TVVBG	1*CAT6*26AWG	16.5±1.5	8.4±0.6	φ 1.6x2
TVVBG	2*CAT6*26AWG	22.8±2.0	8.4±0.6	φ 1.6x2
TVVBG	3*CAT6*26AWG	33.0±2.0	9.8±1.0	φ 2.5x2
TVVBG	4*CAT6*26AWG	42.8±2.5	9.8±1.0	φ 2.5x2