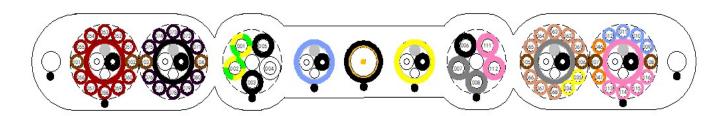


QI TECH INC.

7410 Ambassador Row, Dallas, Texas 75247

www.qitechinc.com



# PRODUCT INFORMATION

## BASIC CABLE INFORMATION:

Part Number: DLB1903

Type and Specification: ETP 10-14AWG+48-18AWG+6-2-20AWG+75-5

Packing Information: 300 meter per reel

Cable Color: Gray.

#### APPLICATION:

Elevator suspension cable for indoor and panoramic elevators.

#### INSTALLATION:

To comply with the correct installation procedures please refer to the Changshun Product Catalog which is available separately, for the DLB1903 cable ,secure it with the PX25500AV4-B nylon cable clamp during mounting

#### THE COMPOSITION STRUCTURE AND SPECIFIC INFORMATION OF CABLE ARE AS FOLLOWS:

Component Core Wire	10/14 AWG	48/18 AWG	6 Shielded Pairs /20 AWG	1 Coaxial Cable	Strength Member
Material					Aircraft Steel Wire Rope
Conductor Material	TR Soft Copper Wire	TR Soft Copper Wire	TR Soft Copper Wire	Copper - Clad Steel	
Insulation Material	PVC Class 4	PVC Class 4	PVC Class 4	UBEC 180	
Shielded Material			Aluminum Foil	Aluminum Foil	
Inner Sheath Material			PVC Class 1.5	PVC Class 1.5	
Outer Sheath Material	PVC Class 1.5				

Note: The diameter of the wire rope is  $\boldsymbol{\phi}$  3.0mm.

18AWG

## THE CONDUCTOR NUMBERING ARE AS FOLLOWS:

**Conductor Number And Color** 

Yellow/Green 001 to 002、Black 003、Black 005、Black 006、White 004、Gray 007 to 008、Pink 111 to 112 14 AWG

Light Blue 009 to 012

Yellow 034 to 035 Orange 046 to 047

Red 051 to 060

TAN 061 to 068 Purple 071 to 080 Pink 113 to 116 Brown 101 to 108

Shielded Pair /20AWG Black/White Pair

### THE MECHANICAL PROPERTIES:

Maximum Freely Suspended Length (ft[mm]):354[108]Maximum Travelling Height(ft[mm]):708[216]Maximun Running Speed(m/s):10

Acceleration:

 Operating Temperature(°C):
 -20 to +60

 Recommended Loop Diameter(mm):
 548[±100]

 Cable Net Weight Approx. (lbs/ft [kg/m]):
 1.7[2.6]

 Overall Dimensios Approx. (W/H, in [mm]):
 4.06 / 0.54[103.0 / 13.7]

 Copper Content.(lbs/kft [kg/km]):
 442.20[658.00]

 Flame property:
 FT1

#### THE ELECTRICAL PROPERICAL:

Maximum Voltage: 300V

Twisted Pair Attenuation Characteristics.(dB/100m): Coaxial Cable Attenuation Characteristics.(dB/100m): Fiber Optic Cable Attenuation Characteristics.(dB/100m):

Coaxial Cable Transfer Impedance.(Ω/km):

The conductor resistance of the 14 AWG( $\Omega$ /km):  $\leqslant$  8.88 The conductor resistance of the 18 AWG( $\Omega$ /km):  $\leqslant$  22.4 The conductor resistance of the 20 AWG( $\Omega$ /km):  $\leqslant$  35.7

#### **CERTIFICATION & STANDARDS**

Certification:

**(1)** 



 CSA File Number:
 253817

 CSA Standard:
 CSA C22.2 No.49

 UL Standard:
 UL 62