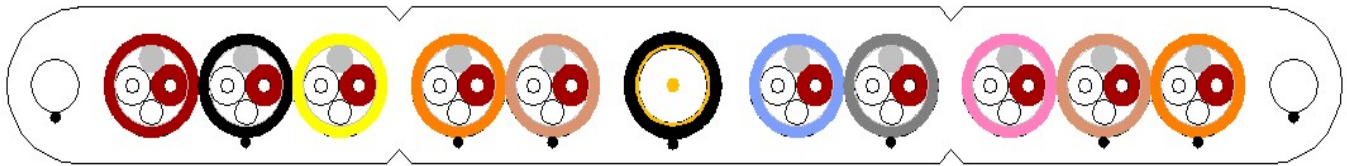




**QI TECH INC.**  
**a subsidiary of Changshun**

QI TECH INC.  
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## PRODUCT INFORMATION

### BASIC CABLE INFORMATION:

Part Number: DLB1904

Type and Specification: ETP 10-2-20AWG+75-5

Packing Information: 500 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 DLB1904 cable, secure it with the PX25500AV4-A nylon cable clamp during mounting.

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

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

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

### THE CONDUCTOR NUMBERING ARE AS FOLLOWS:

| Size                 | Conductor Number And Color |
|----------------------|----------------------------|
| Shielded Pair /20AWG | Red/White Pair             |
|                      | Black/White Pair           |

### THE MECHANICAL PROPERTIES:

|                                           |            |
|-------------------------------------------|------------|
| Maximum Freely Suspended Length (ft[mm]): | 659[201]   |
| Maximum Travelling Height(ft[mm]):        | 1318[402]  |
| Maximun Running Speed(m/s):               | 10         |
| Acceleration:                             |            |
| Operating Temperature(°C):                | -20 to +60 |
| Recommended Loop Diameter(mm):            | 372[±100]  |

|                                           |                         |
|-------------------------------------------|-------------------------|
| Cable Net Weight Approx. (lbs/ft [kg/m]): | 0.9[1.4]                |
| Overall Dimensios Approx. (W/H, in [mm]): | 3.43 / 0.37[87.0 / 9.3] |
| Copper Content.(lbs/kft [kg/km]):         | 82.00[122.00]           |
| 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(Ω/km):            | ≤8.88 |
| The conductor resistance of the 18 AWG(Ω/km):            | ≤22.4 |
| The conductor resistance of the 20 AWG(Ω/km):            | ≤35.7 |

CERTIFICATION & STANDARDS

|                  |                                                                                                                                                                     |
|------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Certification:   |   |
| CSA File Number: | 253817                                                                                                                                                              |
| CSA Standard:    | CSA C22.2 No.49                                                                                                                                                     |
| UL Standard:     | UL 62                                                                                                                                                               |