



PRODUCT INFORMATION

BASIC CABLE INFORMATION:

Part Number: DLB5021

Type and Specification: ETP 10-14AWG+48-18AWG+8-2-20AWG+2-75-5

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 DLB5021 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	8 Shielded Pairs /20 AWG	2 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 ϕ 3.0mm.

THE CONDUCTOR NUMBERING ARE AS FOLLOWS:

Size	Conductor Number And Color
14 AWG	Yellow/Green 001 to 002、Black 003、Black 005、Black 006、White 004、Gray 007 to 008、Pink 111 to 112
	Light Blue 009 to 012
	Yellow 034 to 035
	Orange 046 to 047
18AWG	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]):	332[98]
Maximum Travelling Height(ft[mm]):	664[196]
Maximun Running Speed(m/s):	10
Acceleration:	
Operating Temperature(°C):	-20 to +60
Recommended Loop Diameter(mm):	564[±100]
Cable Net Weight Approx. (lbs/ft [kg/m]):	1.9[2.8]
Overall Dimensios Approx. (W/H, in [mm]):	4.58 / 0.56[116.4 / 14.1]
Copper Content.(lbs/kft [kg/km]):	458.26[681.94]
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