



PRODUCT INFORMATION

BASIC CABLE INFORMATION:

Part Number: DLB3097

Type and Specification: ETP 48-18AWG

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 DLB3097 cable, secure it with the PX25500AV4-A nylon cable clamp during mounting.

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

Component	48/18AWG	Strength Member
Core Wire		
Material		Aircraft Steel Wire Rope
Conductor Material	TR Soft Copper Wire	
Insulation Material	PVC Class 4	
Shielded Material		
Inner Sheath Material		
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
18 AWG	Black 1 to 48

THE MECHANICAL PROPERTIES:

Maximum Freely Suspended Length (ft[mm]):	702[214]
Maximum Travelling Height(ft[mm]):	1404[428]
Maximun Running Speed(m/s):	10
Acceleration:	
Operating Temperature(°C):	-20 to +60
Recommended Loop Diameter(mm):	368[±100]

Cable Net Weight Approx. (lbs/ft [kg/m]):	0.9[1.3]
Overall Dimensios Approx. (W/H, in [mm]):	2.83 / 0.36[71.8 / 9.2]
Copper Content.(lbs/kft [kg/km]):	252.53[375.80]
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