



PRODUCT INFORMATION

BASIC CABLE INFORMATION:

Part Number: DLB4831
Type and Specification: ETP 12-2-20AWG+2-75-5+12-(50/125μm)
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 DLB4831 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	12 Shielded Pairs /20 AWG	2 Coaxial Cable	12 Optical Fiber(50/125μm)	Strength Member
Material				Aircraft Steel Wire Rope
Conductor Material	TR Soft Copper Wire	Copper - Clad Steel		
Insulation Material	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
Shielded Pair /20AWG	Red/White Pair Black/White Pair

THE MECHANICAL PROPERTIES:

Maximum Freely Suspended Length (ft[mm]):	548[167]
Maximum Travelling Height(ft[mm]):	1096[334]
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]):	1.1[1.6]
Overall Dimensios Approx. (W/H, in [mm]):	4.43 / 0.37[112.5 / 9.3]
Copper Content.(lbs/kft [kg/km]):	106.20[158.00]
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