DH-PFM923I-6U-C

305m UTP CAT6 LSZH Cable

Features

- 305m UTP CAT6;
- Support PoE long-distance transmission;
- Excellent OFC with 99.97% OFC (oxygen free copper) purity;
- Environmentally-friendly LSZH outer sheath, meet the CPR E class;
- Top-notch quality guarantee for 10 years.

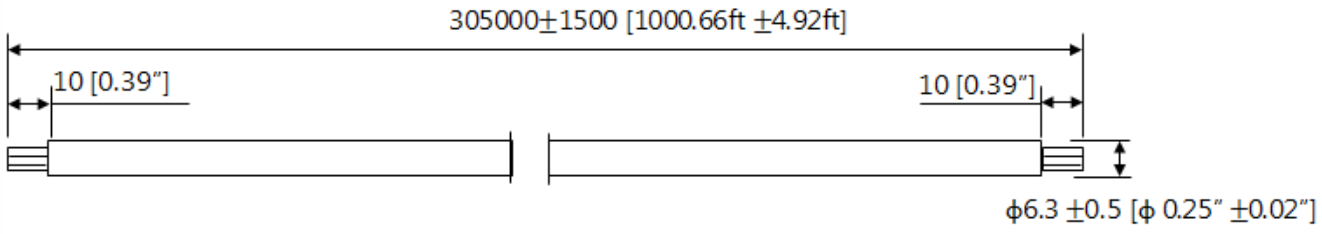
Technical Specifications

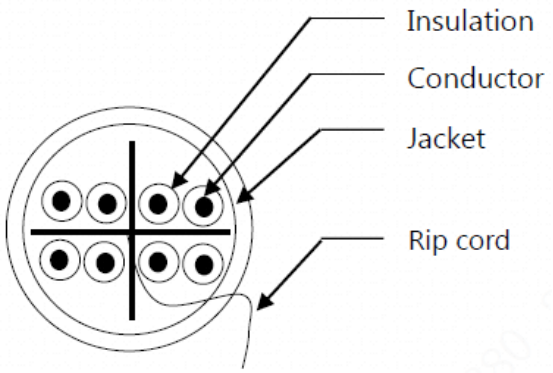
Model		DH-PFM923I-6U-C
Structure		
Conductor	Material	OFC(oxygen free copper)
	Structure	4P*0.57±0.01mm
Insulation	Material	HDPE
	Min. average thickness	0.21mm
	Diameter	1mm±0.05mm
	Color(4 Pairs)	White/Blue, Blue; White/Orange, Orange; White/Green, Green; White/Brown, Brown
Rip Cord		Yes
Jacket	Material	LSZH, meet the requirement of CPR E class
	Min. average thickness	0.43mm
	Diameter	6.3±0.5mm
	surface	Smooth, full and tight
	Color	White
General	Length	305m(1000.66ft)
	Packaging dimension	412mmx412mmx215mm (16.22"x16.22"x8.46")
	Weight (with packaging)	13kg(28.66lb)
Mechanical Properties		
Insulation	Tensile strength	≥16MPa
	Elongation at break	≥300%
	Peeling property	No damage to insulation or conductor
Jacket	Tensile strength	Before aging: ≥10.0MPa After aging: ≥8.0MPa
	Elongation at break	Before aging: ≥125% After aging: ≥100%
	Aging condition	100℃*24h*7d
	Peeling property	No damage to insulation, cold bending (-20C *4h), the outer diameter of the cable is 8 times, without cracking.
Electrical Performance (20℃)		
Characteristic Impedance (1-250MHz)		100±15Ω
DC Resistance		≤9.38Ω/100m
Max. Unbalance Rate of Line Pairs' Direct Current		≤5%
Time Delay		≤45ns/100m
Max. Mutual Capacitance		5.6nF/100m
Min. Insulation Resistance		5000MΩ·km

Order Information

Type	Part Number	Description
Cable Series	DH-PFM923I-5EUN-C	305m UTP CAT5E LSZH cable _Dahua brand; CPR E class
	DH-PFM923I-5EU-C	305m standard UTP CAT5E LSZH cable _Dahua brand; CPR E class
	DH-PFM923I-6UN-C	305m UTP CAT6 LSZH cable _Dahua brand; CPR E class
	DH-PFM923I-6U-C	**305m standard UTP CAT6 LSZH cable _Dahua brand; CPR E class**

Dimensions (mm/inch)





Package Information

- 305m UTP CAT6 LSZH cable *1