

DH-PFM920I-6U-C/U

305m UTP CAT6 Cable



Features

- 305m UTP CAT6;
- Support PoE long-distance transmission;
- Excellent OFC with 99.99% OFC(oxygen free copper) purity;
- Environmentally-friendly outer sheath, meet the CPR E/ UL CM class;
- Top-notch quality guarantee for 10 years.

Technical Specifications

Model		DH-PFM920I-6U-C	DH-PFM920I-6U-U
Structure			
Conductor	Material	OFC(oxygen free copper)	
	Structure	4P*0.57±0.01mm	
Insulation	Material	HDPE	
	Min. average thickness	0.21mm	
	Diameter	1.0mm±0.05mm	
	Color(4 Pairs)	white/blue, blue; white/orange, Orange; white/green, green; white/brown, brown	
Rip cord		Yes	
Jacket	Material	PVC, meet the requirement of CPR E class	PVC, meet the requirement of UL CM class
	Min. average thickness	0.43mm	
	Diameter	6.3±0.50mm	
	surface	Smooth, full and tight	
	Color	Orange and white are optional	
General	Length	305m(1000.66ft)	
	N.W.	12.25kg(27.01lb)	
	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: ≥13.5MPa After aging: ≥12.5MPa	Before aging: ≥13.5MPa Retention rate of tensile strength after aging: ≥85%
	Elongation at break	Before aging: ≥150% After aging: ≥125%	Before aging: ≥150% Retention rate of elongation at break after aging: ≥50%
	Aging condition	100°C*24h*7d	
	Peeling property	No damage to insulation, cold bending (-20C *4h), the outer diameter of the cable is 8 times, without cracking.	No damage to insulation, cold bending (-15C *4h), the outer diameter of the cable is 8 times, without cracking.
Electrical performance (20°C)			
Characteristic impedance (1-250MHz)		100±15Ω	
DC resistance		≤9.38Ω/100m	
Max. unbalance rate of line pairs' direct current		≤5%	
Time delay		≤45ns/100m	

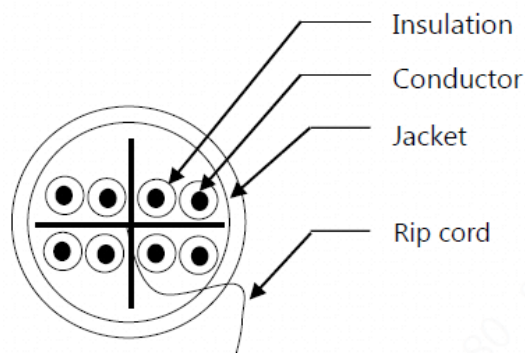
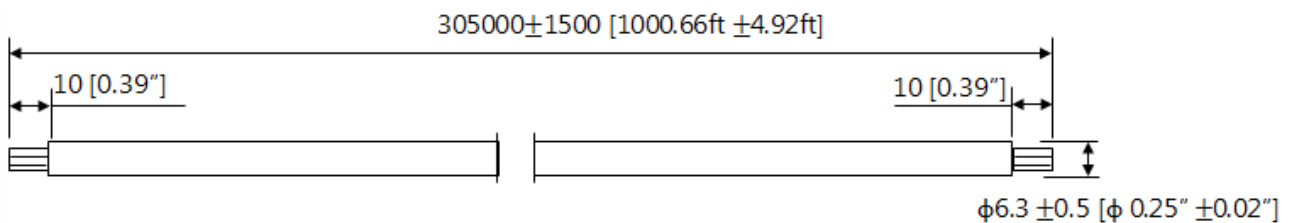
Cable Series | DH-PFM920I-6U-C/U

Max. mutual capacitance	5.6nF/100m
Min. insulation resistance	5000MΩ·km

Order Information

Type	Part Number	Description
Cable Series	DH-PFM920I-5EUN	305m UTP CAT5E cable _Dahua brand; CPR E class; Distribution
	DH-PFM920I-5EU-C	305m standard UTP CAT5E cable _Dahua brand; CPR E class
	DH-PFM920I-5EU-U	305m standard UTP CAT5E cable _Dahua brand; UL CM class
	DH-PFM920I-6UN-C	305m UTP CAT6 cable _Dahua brand; CPR E class; Distribution
	DH-PFM920I-6UN-U	305m UTP CAT6 cable _Dahua brand; UL CM class; Distribution
	DH-PFM920I-6U-C	305m UTP CAT6 cable _Dahua brand; CPR E class
	DH-PFM920I-6U-U	305m UTP CAT6 cable _Dahua brand; UL CM class

Dimensions (mm/inch)



Package Information

- 305m UTP CAT6 cable *1