

# DH-PFM920I-6UN-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-6UN-C	DH-PFM920I-6UN-U
<b>Structure</b>			
Conductor	Material	OFC(oxygen free copper)	
	Structure	4P*0.53±0.01mm	
Insulation	Material	HDPE	
	Min. average thickness	0.21mm	
	Diameter	0.95mm±0.05mm	
	Color(4 Pairs)	Orange, white/orange; green, white/green; blue, white/blue; brown, white/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	0.40mm	
	Diameter	6.0±0.50mm	
	surface	Smooth, full and tight	
	Color	Orange and white are optional	
General	Length	305m(1000.66ft)	
	N.W.	11.25kg(24.8lb)	
	Packaging dimension	412mmx412mmx215mm(16.22"x16.22"x8.46")	
	Weight (with packaging)	12.75kg(28.11lb)	
<b>Mechanical properties</b>			
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.
<b>Electrical performance (20°C)</b>			
Characteristic impedance (1-250MHz)		100±15Ω	
DC resistance		≤9.38Ω/100m	
Max. unbalance rate of line pairs' direct current		≤5%	
Time delay		≤45ns/100m	

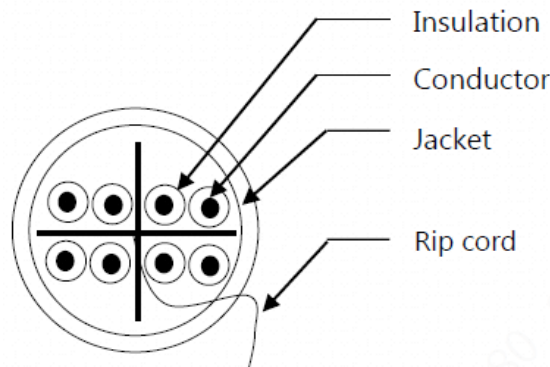
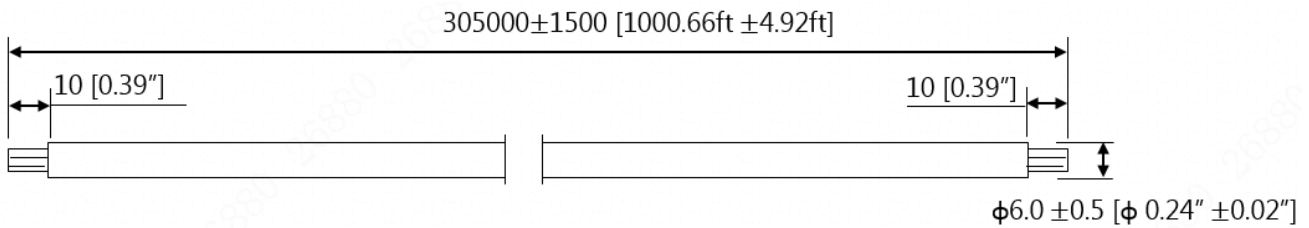
## Cable Series | DH-PFM920I-6UN-C/U

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
	<b>DH-PFM920I-6UN-C</b>	<b>305m UTP CAT6 cable</b> <b>_Dahua brand; CPR E class; Distribution</b>
	<b>DH-PFM920I-6UN-U</b>	<b>305m UTP CAT6 cable</b> <b>_Dahua brand; UL CM class; Distribution</b>

### Dimensions (mm/inch)



### Package Information

- 305m UTP CAT6 cable \*1