

DH-PFM920I-6UN-C/U

305m UTP CAT6 CPR E/UL CM 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	
Structure					
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)			
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℃*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℃)					
Characteristic impedance (1-250MHz)		100±15Ω			
DC resistance		≤9.38Ω/100m			
Max. unbalance rate of line pairs' direct current		≤5%			
Time delay		≤45ns/100m			

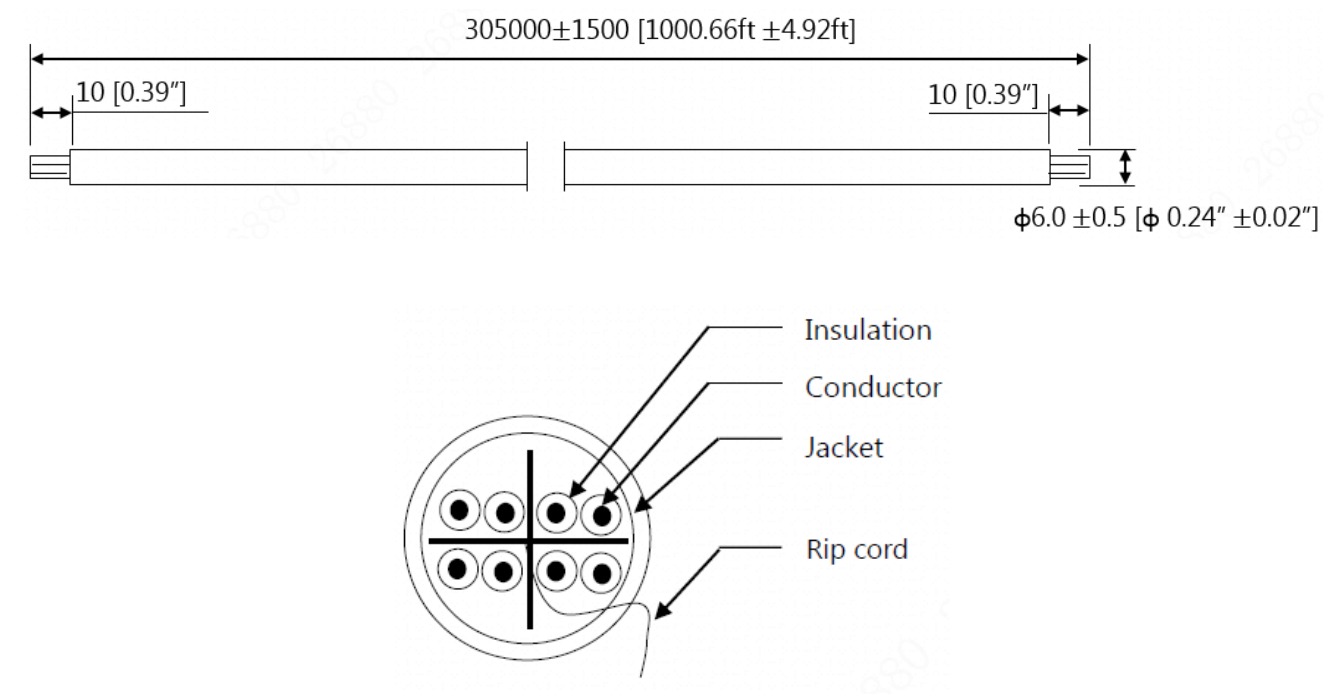
Cable Series | DH-PFM920I-6UN-C/U

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
	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

Dimensions (mm/inch)



Package Information

- 305m UTP CAT6 cable *1