

DH-PFM922I-6UN-C

305m UTP CAT6 Cable (Orange)



- 305.0 m (1,000.66 ft)/carton UTP CAT6, power over Ethernet, compatible with one cable.
- Manufacturing excellence.
- Customized PVC outer sheath; CE CPR Eca flame retardant class certified.
- 10-year warranty.

Series Overview

Network cables are the most commonly used transmission mediums in generic cabling system. It is usually composed of 4 pairs of twisted wires, and is generally applied in system cabling within 100 meters.

Technical Specification

Conductor

Material	CCA (copper content 22%–31%)
Diameter	0.57 mm $\pm$ 0.01 mm (0.0224" $\pm$ 0.0004")

Insulation

Material	HDPE
Thickness	$\geq$ 0.21 mm (0.0083")
Diameter	1.02 mm $\pm$ 0.06 mm (0.04" $\pm$ 0.0024")
Color	8 cores (blue, white/blue; orange, white/orange; green, white/green; brown, white/brown)

Rip Cord

Material	Polyester
Specification	500D

Separator

Material	PE
Specification	Translucent 4.5 mm $\times$ 0.4 mm (0.18" $\times$ 0.0157")

Sheath

Material	PVC
Min. Average Thickness	$\geq$ 0.5 mm (0.0197")

Diameter	6.5 mm $\pm$ 0.30 mm (0.26" $\pm$ 0.0118")
Color	Orange, Blue, White, Gray

Electrical

Max. DC Resistance of a Single Conductor	$\leq$ 11.5 Ω /100 m (328.08 ft)
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Environmental

Operating Temperature	-20 °C to +60 °C (-4 °F to +140 °F)
Installation Temperature	0 °C to +50 °C (+32 °F to +122 °F)
Storage Temperature & Humidity	-10 °C to +40 °C (+14 °F to +104 °F), < 60% (RH)

Packaging

Cable Length	305.0 m (1,000.66 ft) $\pm$ 1.5 m (4.92 ft)
Packaging Dimensions	394 mm $\times$ 394 mm $\times$ 253 mm (15.51" $\times$ 15.51" $\times$ 9.96") (L $\times$ W $\times$ H)
Net Weight	9.5 kg $\pm$ 0.5 kg (20.94 lb $\pm$ 1.10 lb)
Gross Weight	10.5 kg $\pm$ 0.5 kg (23.15 lb $\pm$ 1.10 lb)
Packaging Method	305.0 m (1,000.66 ft) a carton, one carton with 2 inner cartons
Transport Package Dimensions	527 mm $\times$ 415 mm $\times$ 424 mm (20.75" $\times$ 16.34" $\times$ 16.69") (L $\times$ W $\times$ H)

Compliance Standard

Compliance Standard	Q/DXJ 067-2019
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Certification

Certification	CPR Eca
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Flame-retardant Standard

Flame-retardant Standard	EN 50575 Eca
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Ordering Information		
Type	Model	Description
Network Cable	DH-PFM922I-6UN-C	305m UTP CAT6 Cable (Orange)

Dimensions (mm[inch])

