

DH-PFM922I-6UN-C-100

100m UTP CAT6 Cable (Orange)



- 100.0 m (328.08 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 ± 0.01 mm (0.0224" ± 0.0004")

Insulation

Material	HDPE
Thickness	≥ 0.21 mm (0.0083")
Diameter	1.02 mm ± 0.06 mm (0.04" ± 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 × 0.4 mm (0.18" × 0.0157")

Sheath

Material	PVC
Min. Average Thickness	≥ 0.5 mm (0.0197")
Diameter	6.5 mm ± 0.30 mm (0.26" ± 0.0118")

Color	Orange
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Electrical

Max. DC Resistance of a Single Conductor	≤ 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	100.0 m (328.08 ft)
Packaging Dimensions	280 mm × 280 mm × 110 mm (11.02" × 11.02" × 4.33") (L × W × H)
Net Weight	3.1 kg ± 0.3 kg (6.83 lb ± 0.66 lb)
Gross Weight	3.5 kg ± 0.3 kg (7.72 lb ± 0.66 lb)
Packaging Method	100.0 m (328.08 ft) a carton, one carton with 5 inner cartons
Transport Package Dimensions	567 mm × 297 mm × 308 mm (22.32" × 11.69" × 12.13") (L × W × H)

Compliance Standard

Compliance Standard	Q/DXJ 067-2019
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Certification

Certification	CPR Eca
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Flame-retardant Standard

Compliance Standard	EN 50575 Eca
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Ordering Information

Type	Model	Description
Network Cable	DH-PFM922I-6UN-C-100	100m UTP CAT6 Cable (Orange)

Dimensions (mm[inch])

mm[ft]

