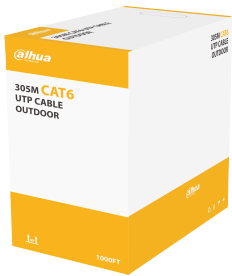


DH-PFM922-6UN

305m Outdoor U/UTP CAT6 Network Cable (Black, CCA)



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%)
Conductor Structure	0.57 mm ± 0.01 mm (0.02" ± 0.0004")
American Wire Gauge	23AWG

Insulation

Insulating Material	HDPE
Min. Average Thickness	0.21 mm (0.0083")
Insulation Diameter	1.05 mm ± 0.02 mm (0.04" ± 0.0024")
Insulation Color	8 cores (blue, white/blue; orange, white/orange; green, white/green; brown, white/brown)

Rip Cord

Material	Polyester
Specification	150D × 3

Separator

Material	PE
Specification	Translucent 4.5 mm × 0.35 mm (0.18" × 0.014")

Wrapping Tape

Material	PET
Thickness	0.025 mm × 20 mm (0.001" × 0.79")

Sheath

Min. Average Thickness	0.7 mm
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- 305.0 m (1,000.66 ft)/carton Outdoor UTP CAT6, power over Ethernet, compatible with one cable.
- Manufacturing excellence.
- Customized PE outer sheath, certain degree of waterproof.
- Environmentally friendly and all materials used are RoHS compliant.
- 10-year warranty.

Sheath Material	MDPE
Sheath Diameter	6.6 mm ± 0.3 mm (0.26" ± 0.01")
Sheath Color	Black

Electrical

Max. DC Resistance of a Single Conductor	11.5 Ω/100 m (328.80 ft)
Min. Insulation Resistance	5000 MQ·km
Max. DC Resistance Unbalance	2% (pair intra), 4% (pairs inter)

Transmission

Characteristic Impedance	100 Ω ± 15 Ω
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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	–10 °C to +40 °C (+14 °F to +104 °F)
Storage Humidity	<60% (RH)

Packaging

Cable Length	305 m ± 2 m (1000.66 ft ± 6.56 ft)
Packaging Method	305 m (1000.66 ft)/box
Packaging Dimensions	394 mm × 394 mm × 253 mm (15.51" × 15.51" × 9.96") (L × W × H)
Transport Package Dimensions	527 mm × 415 mm × 424 mm (20.75" × 16.34" × 16.69") (L × W × H)
Net Weight	8.3 kg ± 0.5 kg (18.3 lb ±1.10 lb)
Gross Weight	9.3 kg ± 0.5 kg (20.5 lb ±1.10 lb)

Compliance Standard

Compliance Standard	Q/DXJ 067-2024
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Ordering Information		
Type	Model	Description
Network Cable	DH-PFM922-6UN	305m Outdoor U/UTP CAT6 Network Cable (Black, CCA)

Dimensions (mm[inch])

mm[ft]

