

# DH-PFM920-6F

## 305m Outdoor FTP CAT6 Network Cable



- 305 m (1000 ft)/carton Outdoor FTP CAT6, power over Ethernet, compatible with one cable
- High-purity oxygen-free copper conductor material
- Customized MDPE outer sheath
- 10-year warranty

### System 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	Oxygen free copper
Diameter	0.57 mm ± 0.01 mm
American Wire Gauge	23AWG

#### Insulation

Material	HDPE
Diameter	1.06 mm ± 0.02 mm
Color (4 Pairs)	Blue, white/blue; orange, white/orange; green, white/green; brown, white/brown

#### Separator

Material	PE
Specification	4.3 x 4.3 x 0.35 mm

#### Drain Wire

Material	Solid tinned copper
Specification	7 x 0.16 mm

#### Rip Cord

Material	Nylon
Specification	450D

#### Shielding

Material	Aluminum foil
Width	25mm
Thickness	0.063mm

#### Wrap

Material	Polyester tape (transparent)
Width	20mm
Thickness	0.025 mm

#### Sheath

Material	MDPE
Min. Average Thickness	0.5 mm
Diameter	6.2 mm ± 0.2 mm
Color	Black

#### Electrical

Max. DC Resistance of a Single Conductor	9Ω/100 m
Min. Insulation Resistance	5000MΩ·km
Dielectric Strength	No breakdown with 2.5KV DC for 2 seconds

#### 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 and Humidity	-10°C to +40°C (14°F to 104°F), <60% (RH)

Packaging	
Cable Length	305.0 m (1000.66 ft) ± 1.5 m (4.92 ft)
Inner Carton Dimensions	436.0 mm × 436.0 mm × 222.0 mm
Outer Box Dimensions	470.0 mm x 470.0 mm x 470.0 mm
Packaging Method	305.0 m (1000.66 ft) a carton, one carton with 2 ininner cartons

Ordering Information		
Type	Model	Description
Network Cable	DH-PFM920-6F	305m Outdoor FTP CAT6 Network Cable

Dimensions (mm/ft)

