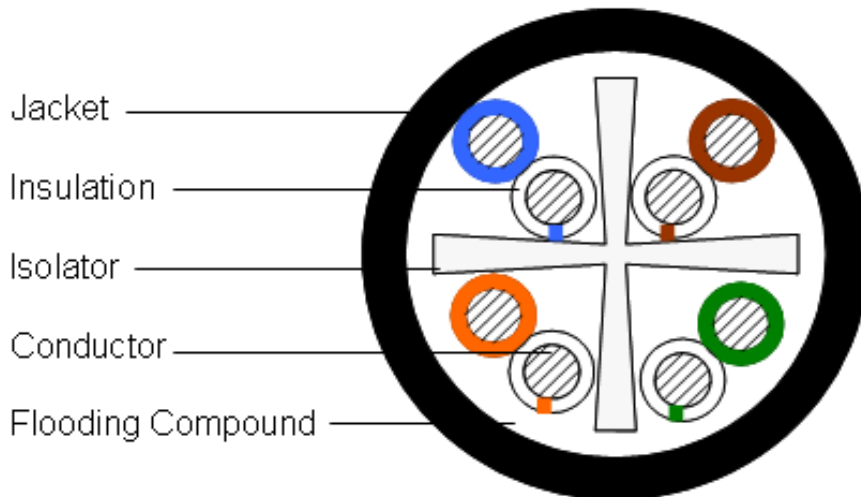




4665904/10 | 6NF4+ BLACK REEL

Media 6@ 6NF4+ Category 6 U/UTP filled Cable, outdoor direct burial, black jacket, 4 pair count, 1000 ft (305 m) length, reel

## Cross Section Drawing



## Construction Materials

Jacket Material	PE
Conductor Material	Bare copper
Insulation Material	Polyolefin
Separator Material	Polyolefin

## Dimensions

Cable Length	305 m   1000 ft
Cable Weight	26.40 lb/kft
Diameter Over Jacket	6.604 mm   0.260 in
Jacket Thickness	0.660 mm   0.026 in

## Electrical Specifications

ANSI/TIA Category	6
Characteristic Impedance	100 ohm
dc Resistance Unbalance, maximum	5 %
dc Resistance, maximum	9.38 ohms/100 m
Delay Skew, maximum	45 ns
Mutual Capacitance	6.0 nF/100 m @ 1 kHz
Nominal Velocity of Propagation (NVP)	65 %
Operating Frequency, maximum	250 MHz
Operating Voltage, maximum	80 V
Transmission Standards	ANSI/TIA-568-C.2   CENELEC EN 50288-6-1   ISO/IEC 11801 Class E
Dielectric Strength, minimum	1500 Vac   2500 Vdc

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Note All electrical transmission tests include swept frequency measurements

## Environmental Specifications

Environmental Space	UV resistant for outdoor and/or direct burial installations
Installation Temperature	-30 °C to +70 °C (-22 °F to +158 °F)
Operating Temperature	-40 °C to +70 °C (-40 °F to +158 °F)

## General Specifications

Cable Type	U/UTP (unshielded)
Pairs, quantity	4
Cable Component Type	Horizontal
Packaging Type	Reel
Brand	Media 6®   Uniprise®
Jacket Color	Black
Product Number	6NF4+
Conductor Gauge, singles	24 AWG
Conductor Type, singles	Solid
Conductors, quantity	8
Separator Type	Isolator

## Mechanical Specifications

Pulling Tension, maximum	11 kg   25 lb
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## Regulatory Compliance/Certifications

Agency	Classification
RoHS 2011/65/EU	Compliant
ISO 9001:2008	Designed, manufactured and/or distributed under this quality management system

