



1,000 ft Cat6 CMR/FT4 UTP Communication Cable

PRODUCT SPECIFICATIONS

Product Description 1,000 ft Cat6 CMR / FT4 UTP Communication Cable

Rated Temperature -40 °F to 167 °F / -40 °C to 75 °C

Installation Temperature -4 °F to 122 °F / -20 °C to 50 °C

Center Conductor

Material Solid Bare Copper

Construct 0.02 ± 0.0002" / 0.55 ± 0.005 mm

Insulation

Material HDPE

Outer Diameter 0.039 ± 0.00039" / 0.98 ± 0.01 mm

Color BLUE, WHITE/BLUE, ORANGE, WHITE/ORANGE, GREEN, WHITE/GREEN, BROWN, WHITE/BROWN

Rip-Cord

Material Nylon

Specification 200D × 3 mm/No.

Seperator

Material PE

Specification 0.16 × 0.016" / 4.0 × 0.4 mm

Outer Jacket

Material CMR/FT4 ETL PVC

Outer Diameter 0.23 ± 0.0079" / 5.8 ± 0.2 mm

Color White RAL9010

Remaining Length Decreasing in every 2 ft

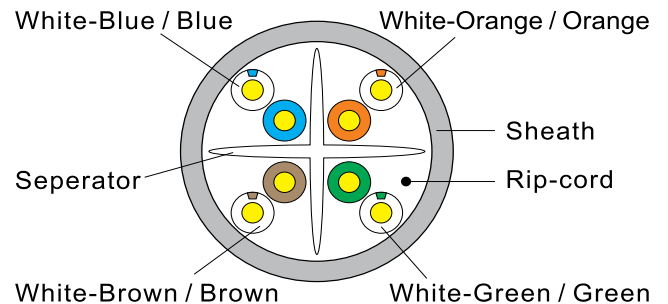
Sheath Physical Properties

Before Aging Strength (Mpa) ≥ 13.5 (Tensile)
≥ 150 (Elongation %)

After Aging Strength (Mpa) ≥ 12.5 (Tensile)
≥ 125 (Elongation %)



INTERNAL DIAGRAM



Electrical Characteristics (68 °F / 20 °C)

Impedance (Ω)	100 ± 15
Delay Shew (ns / 100m)	≤ 45
NVP	69 %
Capacitance (nF / 100 m) max	5.6
DC Resistance (Ω / 100 m) max	9.5
DC Conductor Resistance	5.0
Unbalance (%) max	

