



# CAT7 UFTP Cable



# DATA SHEET

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## CAT7 UFTP 4 Pairs Internal Cable

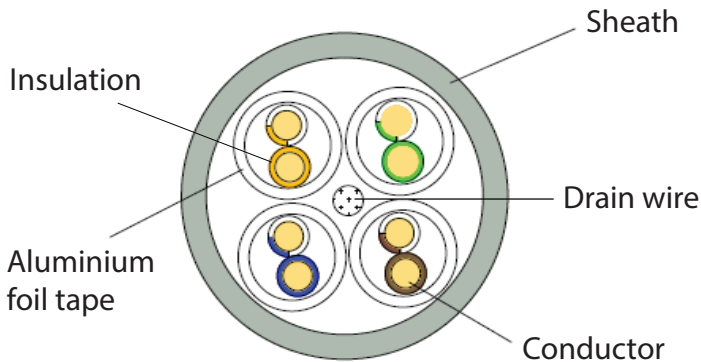
WEBB CAT7 U-FTP internal cable is designed to provide high-speed, reliable network performance for advanced data applications. The cable is equipped with foiled twisted pairs, which significantly reduce electromagnetic interference (EMI) and crosstalk. This foil shielding ensures clearer and more reliable signal transmission, making it suitable for environments with high electronic noise. With support for data rates up to 10 Gbps and frequencies up to 600 MHz, it is ideal for high-bandwidth networking needs in environments such as offices, data centers, and multimedia setups. Its durable construction and flexibility make it a versatile choice for indoor installations where superior performance and reliability are essential.

### Features

- Category: CAT7 U-FTP 4Pairs
- Reference standard: IEC 61156-5 EN 50288-4-1 EN 50173 ISO/IEC 11801 EN 50575
- Conductor: solid-bare copper
- Conductor thickness available in 23AWG (0.57mm)
- Insulation: Foamed polyethylene with 0.37mm thickness, Diameter: 1.38mm
- Shielding with aluminum/polyester foil around twisted pairs
- Drain wire: 0.4mm tinned copper
- Available in LSZH, PVC, PE sheaths
- Available in all standard colors
- Core color
  - A. White- blue/blue
  - B. White-orange/orange
  - C. White-green/green
  - D. White- brown /brown
- Packing length: Available in 305m or 500m roll
- Characteristics (20°C):
  - Maximum conductor DC resistance: 93Ω/km
  - Minimum insulation resistance: 5000MΩ/km
  - Dielectric strength: DC-1KV/1 minute
  - 1.0-500MHZ Delay skew: ≤25ns/100m
  - Pair to ground capacitance unbalance: ≤330 pf/100m
  - DC conductor resistance unbalance: ≤4%
  - Maximum DC loop resistance: 19.2Ω/100m
  - Before aging- Tensile strength: ≥9Mpa
  - Before aging- Elongation: ≥100%
  - After aging 100°C x 24h x 7d- tensile strength: ≥75%Mpa
  - After aging 100°C x 24h x 7d- Elongation: ≥50%
  - Velocity of propagation NVP: 78%

*\*Specifications are subject to change without notice based on technical recommendations and related product enhancements*

## Inner Structure



## LAN CABLES PART NUMBER KEY

Part Number: C.04.C7. \_ \_ \_ \_ \_

C.04.Cable.Indoor/Outdoor.Cable Construction.Sheath.Color.Thickness

Please add the codes from the tables below in the above format to derive your desired product part number

Cable	Code
CAT7	C7

Cable construction	Code
FTP / UFTP	FT

Indoor/outdoor	Code
Indoor	ND
Outdoor	OD

Sheath	Code
PVC	P
LZOH	L
Polyethylene	E

Color	Code
Grey	G
Black	B
Blue	U
Orange	O
Custom	Specify

Conductor thickness	Code
23AWG	23

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