



## CAT6 UTP Internal Cable



# DATA SHEET

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# CAT6 UTP 4 Pairs Internal Cable-PVC Sheath

WEBB CAT6 unscreened UTP cable is 23 American wire gauge (AWG) ideally used for network and telecommunication applications. WEBB cables are cost effective, reliable provides high speed transmission performance.

## Features

- Category: CAT6 U/UTP 4Pairs-PVC
- Reference standard: ISO/IEC11801, TIA-568-C.2
- Conductor: solid-bare copper material, Nom.O.D:  $0.550 \pm 0.005\text{mm}$
- Insulation: HDPE material, diameter:  $0.98 \pm 0.05\text{mm}$
- Sheath:

Thickness	$0.55 \pm 0.05 \text{ mm}$
External O.D.	$6.1 \pm 0.4\text{mm}$
Surface	Clean, frap, satiation
Material	PVC(complies RoHS)

- Surface printing color: black, print error & space:  $\leq \pm 0.5\%/1\text{m}$ , letter height:  $3.0 \pm 0.3\text{mm}$
- Core color

A.Blue, white-blue	B.Orange, white-orange
C.Green, white-green	D.Brown, white-brown

- Packing: wooden tray & carton, dimension according to the requirement.
- Packing length:  $305 \pm 1.5\text{m}$
- Rip code: yes
- Drain wire: no
- Out jacket physical properties:

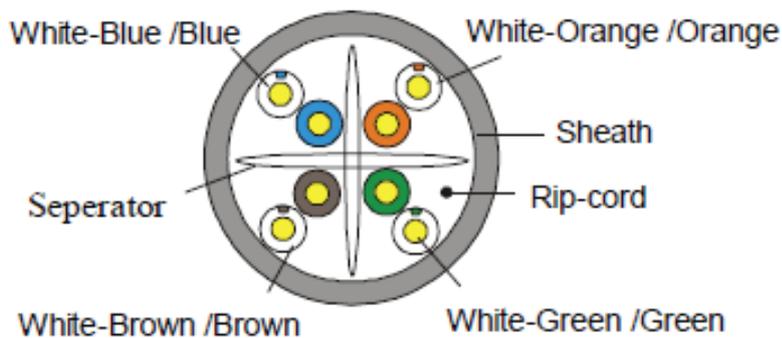
Before aging tensile strength (Mpa) $\geq 13.5$ Elongation (%) $\geq 150$
Aging period ( $^{\circ}\text{C} \times \text{hrs}$ ) $100^{\circ}\text{C} \times 24\text{h} \times 7\text{d}$
After aging tensile strength (Mpa) $\geq 12.5$ Elongation (%) $\geq 125$
Cold bend ( $-20 \pm 2^{\circ}\text{C} \times 4\text{h}$ ) $8 \times \text{Cable O.D.}$ , No visible cracks

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

● Electrical Characteristics (20°C):

1.0-250.0MHz impedance ( $\Omega$ )	100 $\pm$ 15
1.0-250.0MHz delay skew (ns/100m)	$\leq$ 45
DC resistance ( $\Omega$ /100m)	max 9.38
DC conductor resistance unbalance (%)	max 5.0

## Inner Structure



## Ordering Information

Part number	Description
C.04.C6.ND.UT.PG	CAT6 UTP Internal Cable 4Pr 0.55mm

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