



## CAT6 UTP External Cable



# DATA SHEET

☎ +44 20 8895 6455  
✉ [info@webbinfra.com](mailto:info@webbinfra.com)  
🌐 [www.webbinfra.com](http://www.webbinfra.com)

# CAT6 UTP 4 Pairs External Cable-PE Sheath

Cat6 external 4 pair UTP cable series comprises of 100 Ohm impedance, the 4-pair and 8-pair U/UTP cables are double jacketed with LS0H (inner jacket) and UV-resistant PE compound for horizontal outdoor installations in local area networks (LANs).

## Features

- Category: CAT6 U/UTP 4Pairs-PE
- Reference standard: ISO/IEC11801, TIA-568-C.2
- Conductor: solid-bare copper material, Nom.O.D: 0.550 ±0.005mm
- Insulation: HDPE material, diameter: 0.95 ±0.05mm
- Shield: PET tape
- Sheath:

Thickness	0.55 ±0.05mm
External O.D.	6.3 ±0.5mm
Surface	Clean, frap, satiation
Material	LDPE (complies RoHS)
Color	Black

- Surface printing color: white, print error & space:  $\leq \pm 0.5\%$ /1m, letter height: 3.0 ±0.3mm
- 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 ±1.5m
- Rip code: yes
- Drain wire: no
- Out jacket physical properties:

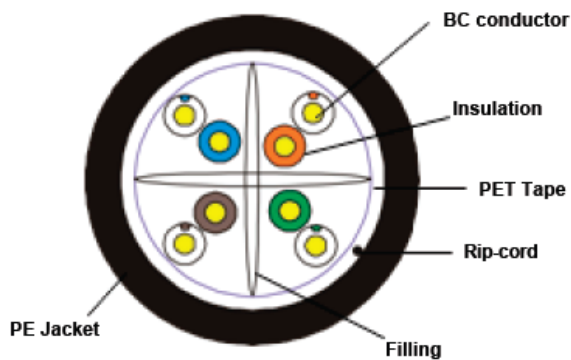
Before aging tensile strength (Mpa) $\geq 10.0$ Elongation (%) $\geq 350$
Aging period ( $^{\circ}\text{C} \times \text{hrs}$ ) $100^{\circ}\text{C} \times 24\text{h} \times 10\text{d}$
After aging elongation (%) $\geq 300$
Cold bend ( $-20 \pm 2^{\circ}\text{C} \times 4\text{h}$ ) no visible cracks

*\*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.OD.U.T.E.B	CAT6 UTP 23AWG External Cable 4Pr 0.55mm PE

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