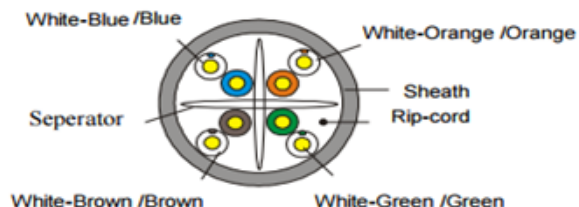


## UTP 4pairs cable category6 - PVC sheath



COLOUR:  
 BLUE-WHITE/BLUE  
 ORANGE-WHITE/ORANGE  
 GREEN-WHITE/GREEN  
 BROWN-WHITE/BROWN



## CABLE DESCRIPTION

**1-CONDUCTOR**

TYPE:SOLID-CCA Copper clad aluminum wire

DIAMETER:0.56±0.005mm

AWG:23/1

**2-INSULATION**

TYPE:PE solid

DIAMETER:1.0mm±0.01mm

**3-RIP CORD**

YES

**4-OUTER JACKET**

TYPE:PVC

COLOUR:GREY

THICKNES:0.6mm

EXTERNAL DIAMETER:5.8mm±0.2mm

PASS 70m FLUKE TEST

## PARAMETER

## UNIT

## VALUE

Max.linear tesistance. Ω /km ≤130

Mutual capacity(nom.) pF/m 50

Unbalance capacity max pF/km 1600

Characteristic impedance (1 at 100 MHz) Ω 100±15

VELOCITY OF PROPAGATION (f&gt; 1MHz) %of c 66

## Marking

CAT6 SOLID PATCH CORD EIA/TIA 568 4x2AWG 23/1 U/UTP UNSHIELDED

Reaction to fire: Eca; EN 50575:2014+A1: 2016

## ELECTRICAL CHARACTERISTICS

Frequency (MHz)	Return loss(dB)	Attenuatin (dB/100m)	NEXT (dB)	PSNEXT (dB)	ELFEXT (dB)	PSELFEXT (dB)
1			65,3	62,3	63,8	60,8
4			56,3	53,3	51,8	48,8
10			50,3	47,3	43,8	40,8
16			47,2	44,2	39,7	36,7
20			45,8	42,0	37,8	34,8
25			44,3	41,3	35,8	32,8
31,25			42,9	39,9	33,9	30,9
62,5			38,4	35,4	27,9	24,9
100			35,3	32,3	23,8	20,8

## OTHER CHARACTERISTICS

MINIMUM BENDING RADIUS:10×Diameter

PACKING:100m/ROLL, 305M/BOX

