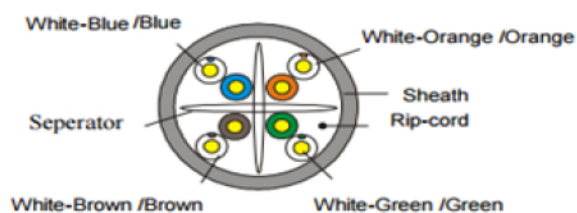


UTP 4pairs cable category6 - PVC sheath



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



CABLE DESCRIPTION

1-CONDUCTOR

TYPE:SOLID-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>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