



Velocity Category 5e Unshielded Twisted Pair (UTP) Patch Cables

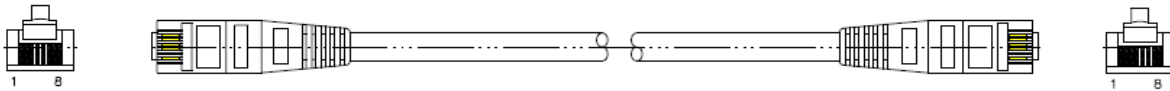
Features

- ✓ Category 5e Compliant
- ✓ Individually Bagged
- ✓ Flush Mould Strain Relief Boot
- ✓ Verified to ISO11801 and ANSI/TIA/EIA

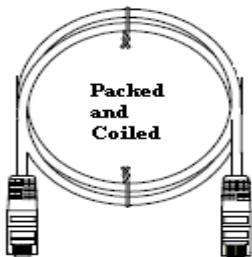
Product Overview

Velocity Category 5e UTP cables are manufactured, tested and verified to the ISO11801 and EIA/TIA standards for enhanced performance. They are constructed with RJ45 plugs (50 micron gold) and quality UL approved Stranded Cat5e cable. These are available in 15 different lengths and manufactured in 11 colours.

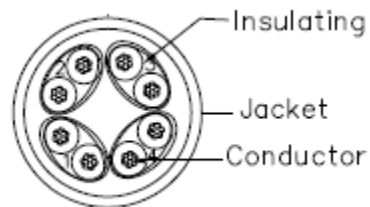
Line Drawing for Patch Cable



Packing of Cable



Construction of Pairs



Applications

- ✓ 10 Base-T
- ✓ 100 Base-TX
- ✓ 1000 Base T Gigabit Ethernet
- ✓ 155 / 622 Mbps ATM

Cable Configuration

Conductor	Material	Bare Copper
	Size	24 AWG
	Construction	7/0.2 ± 0.015 mm
Insulation	Material	HDPE
	Thickness	MIN at any point: 0.15 mm MAX AVG: 0.25 mm
	Diameter	0.96 ± 0.06 mm
	Pair Colours	Blue/White-Blue
		Orange/White-Orange
		Green/White-Green
		Brown/White-Brown
Elongation	MIN 300 %	
Tensile strength	MIN 1.682 Kg/mm ²	
Sheath	Material	PVC Jacket
	Thickness	MIN at any point: 0.40 mm MIN AVG: 0.45 mm
	Diameter	5.3 ± 0.3 mm
	Colour	Grey, Red, Blue, Green, Yellow, Black, Violet, White, Orange, Pink, Brown
	Elongation	MIN 100%
	Tensile strength	MIN 1.407 Kg/mm ²

Lengths Available:

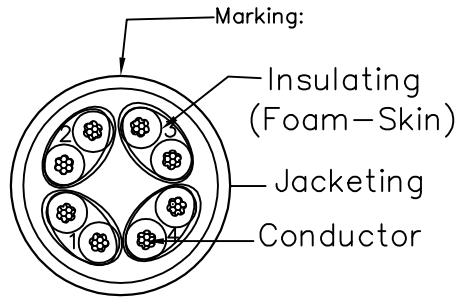
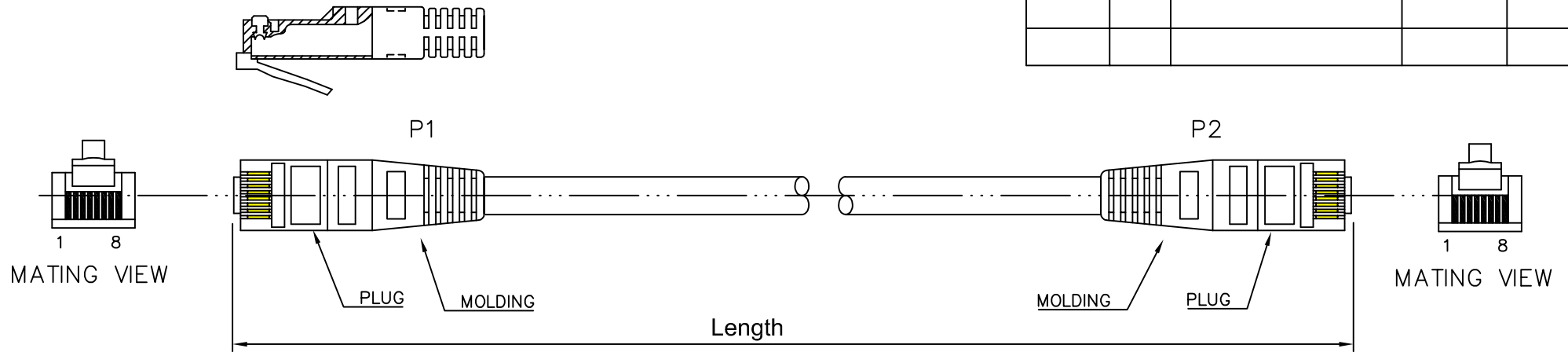
0.3m, 0.5m, 1m, 1.5m, 2m, 3m, 4m, 5m, 6m, 7m, 8m, 10m, 15m, 20m, 30m

Colours Available

Grey Violet Red White Yellow
Blue Orange Green Pink Black Brown

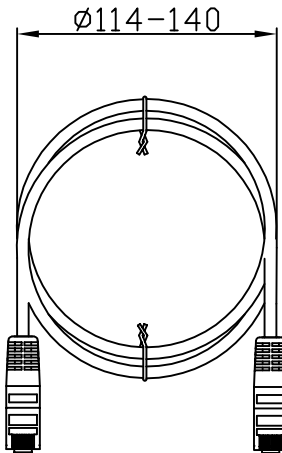


DATE	REV	DESCRIPTION	BY	CHKD



Conductor	Bare Copper 24AWG 7.0.196±0.015mm
Insulation	Thickness:MIN at any point:0.15mm MAX AVG:0.25mm Diameter:0.98±0.06mm
Jacketing PVC	Thickness:MIN at any point:0.46mm MAX AVG:0.58mm Diameter:5.4±0.2mm

WIRE	CAT. 5E UTP STR
PLUG	YU-01
Length	length can be customer specified
COLOR	Grey, Red, Green, Blue, Whith, Yellow, Black, Orange, Pink, Violet, Bro wn



orange 1	green 2
white/orange	white/green
blue 3	brown 4
white/blue	white/brown

PA/R	PINOUT		
	P1(T568B)	WIRE	P2(T568I)
1	1	WHT/ORG	3
	2	ORG	6
2	3	WHT/GRN	1
	6	GRN	2
3	4	BLU	7
	5	WHT/BLU	8
4	7	WHT/BRN	4
	8	BRN	5

VELOCITY

Unless specified on the drawing, tolerances are per the follows:

.	± 1
.X	± 0.2
.XX	± 0.05

3RD	
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DRAW.NO		ITEM	69 1005	
DEPARTMENT		DRAW	Nickor Zuo	DATE 2005/08/11
SCALE		CHECKER		APPROVAL
UNIT	MM	SHEET	1	OF 1