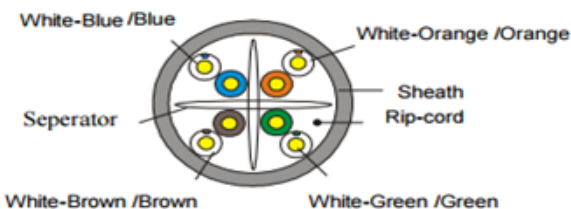


UTP 4pairs cable category6 - PE sheath



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



CABLE DESCRIPTION

1-CONDUCTOR	PARAMETER	UNIT	VALUE
TYPE:STRANDED-Copper clad aluminum wire DIAMETER:7/0.19±0.005mm AWG:24/7 <u>2-INSULATION</u> TYPE:PE solid DIAMETER:1.0mm±0.01mm <u>3-PET</u> <u>4-RIP CORD</u> YES <u>5-OUTER JACKET</u> TYPE:PE COLOUR:BLACK THICKNES:0.6mm EXTERNAL DIAMETER:5.8mm±0.2mm PASS 40m FLUKE TEST	Max.linear tesistance.	Ω /km	≤180
	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			
Outdoor CAT6 STRANDED / PATCH CORD EIA/TIA 568 4x2xAWG 24/7 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



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