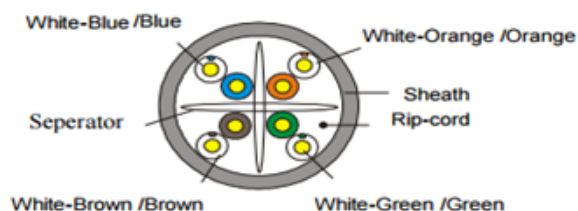


UTP 4pairs cable category6 - PE sheath



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



CABLE DESCRIPTION

1-CONDUCTOR	PARAMETER	UNIT	VALUE
TYPE:SOLID-Copper clad aluminum wire	Max.linear tesistance.	Ω /km	≤ 130
DIAMETER:0.56 \pm 0.005mm	Mutual capacity(nom.)	pF/m	50
AWG:23/1	Unbalance capacity max	pF/km	1600
2-INSULATION	Characteristic impedance (1 at 100 MHz)	Ω	100 \pm 15
TYPE:PE solid	VELOCITY OF PROPAGATION (f>1MHz)	%of c	66
DIAMETER:1.0mm \pm 0.01mm	Marking		
3-PET	Outdoor CAT6 SOLID PATCH CORD EIA/TIA 568		
4-RIP CORD	4x2xAWG 23/1 U/UTP UNSHIELDED		
YES	Reaction to fire: Eca; EN 50575:2014+A1: 2016		
5-OUTER JACKET			
TYPE:PE			
COLOUR:BLACK			
THICKNES:0.6mm			
EXTERNAL DIAMETER:5.8mm \pm 0.2mm			
PASS 70m FLUKE TEST			
Operating temperature: -20 - 75°C			

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:10xDiameter
 PACKING:100m/ROLL



Wentronic GmbH
 Pillmannstraße 12
 38112 Braunschweig