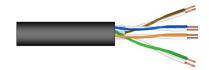
CERVICOM DATA U/UTP Cat.5e PE Outdoors Structured cabling CERVICOM DATA U/UTP Cat.5e PE Outdoors CERVICOM DATA U/UTP Cat.5e PE Outdoors



Construction

Conductor Bare copper wire

Diameter: 0,50 mm (AWG24)

Insulation Polyethylene

Diameter: 1,03 mm

Assembly Two insulated conductors twisted together as a pair

Pair Screen -

General assembly 4 twisted pairs laid up together

Overall screen -

Outer sheath PE (UV stabilised)

Colour: Black

Technical characteristics

Outer diameter5 mmWeight35 Kg/Km

Operating T^a Fixed installation: -20°C to +60°C

During installation: 0°C to +50°C

Min. bending radius Fixed installation (without load): 8xD Min.

During installation (with load): 12xD Min.

Loop resistance 169 Ohm/Km Max.

Resistance unbalance 2% Max.

Insulation resistance2000 MOhm*Km Min. (500V)Mutual capacitanceNominal 50 pF/m (at 800Hz)Capacitance unbalance1500 pF/Km Max. (Pair-Ground)

Characteristic Impedance 100 Ohm **Velocity of propagation** 66%

Propagation delay Nominal 427 ns/100m Test Voltage 1000 V (DC, 1 min)

Transfer Impedance Coupling attenuation Segregation class -

Application

Data transmission cable for Local Area Networks (LAN):

Primary(Campus), Secondary (Riser), Tertiary (Horizontal)

IEEE 803.3: 10Base-T, 100Base-T, 1000Base-T

IEEE 802.5 16Mb; ISDN; FDDI; ATM

Standards / Properties

Ref. for construction/drawingISO/IEC 11801; IEC 61156-5
EN 50173; EN 50288-2-1







Code: Family: 1445 Revision: 9 Date: 14/08/2017

Realized:

Approved:



Article Table

Code	Cable	Supply	
14450061	U/UTP Cat.5e 4x2xAWG24 PE	Drums 1000mts	

Colour code

PAIR N°	Conductor A	Conductor B	
1	Blue	White/Blue	
2	Orange	White/Orange	
3	Green	White/Green	
4	Brown	White/Brown	

Electrical Data

Frec.(MHz)	** Attenuation	*NEXT	*PSNEXT	**ELFEXT	**PS-ELFEXT	*RL
1	2	65	62	68	65	20
4	3.7	56	53	56	53	23
10	6	50	47	48	45	25
16	7.6	47	44	44	41	25
20	8.5	45	42	42	39	25
31.2	10.7	40	40	38	35	24
62.5	15.7	38	35	32	29	22
100	19.9	35	32	28	25	20

Units: * = dB / ** = dB/100m

Frec.(MHz) Frequency

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Approved: