

UTP CAT.5e LSZH

Category 5e Unshielded Twisted Pair U/UTP Installation cable

CAU5EL

DESCRIPTION

Manufactured according to ISO / IEC 11801, ANSI/TIA 568 B.2, EN-50173, CPR Eca



TECHNICAL SPECIFICATIONS

 $\begin{array}{lll} \text{Conductor} & \text{CCA}: 0.50 \pm 0.01 \text{ mm} \\ \text{Insulation} & \text{HDPE}: 0.92 \pm 0.05 \text{ mm} \\ \end{array}$

Identification of pairs

1 pair
2 pair
3 pair
4 pair
Blue - White / Blue
Orange - White / Orange
Green - White / Green
Brown - White / Brown

Ripcord Yes
Sheath LSZH
Color White

Bending radius ≥ 8 x Diameter (mm) Installation

Storage temperature -15°C $-+70^{\circ}\text{C}$



ELECTRICAL CHARACTERISTICS

nº Pairs.xФmm	Conductor Resistance Ω/km	Resistance Unbalance	Cap. between cond. pair nF / 100m	Velocity of Propagation %	Impendance Ω	ФЕхt. (Appvox) mm
4x2x0.50CCA	max.145	max.4%	5.6	69	100±15	5.3±0.2

Frequency	RL	ATT	NEXT	DELAY	PS NEXT	EL FEXT	PS EL FEXT
(MHz)	≥dB	≤dB/100m	≥dB	≤ /100m	≥dB	≥dB/100m	≥dB/100m
4	23.0	4.1	56.3	0	53.3	52.0	.0
8	24.5	5.8	51.8	547.0	48.8	45.9	42.9
10	25.0	6.5	50.3	545.0	47.3	44.0	41.0
16	25.0	8.2	47.2	543.0	44.2	39.9	36.9
20	25.0	9.3	45.8	542.0	42.8	38.0	35.0
25	24.3	10.4	44.3	541.0	41.3	36.0	33.0
31.25	23.6	11.7	42.9	540.0	39.9	34.1	31.1
62.5	21.5	17.0	38.4	539.0	35.4	28.1	25.1
100	20.1	22.0	35.3	538.0	32.3	24.0	21.0

Appliance

Cable for data transmission in structured cabling networks (LAN), horizontal and secondary facilities.



Packing

305m /box

All sizes and values without tolerances are reference values. We reserves the right to amend this specification without prior notice.