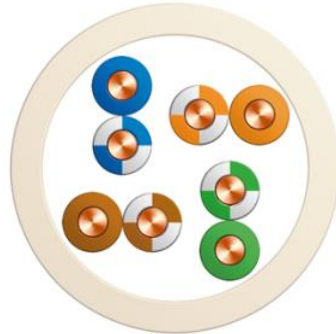


Sumsave® Dca UTP Cat.5e 4 x 2 x AWG24/1



CPR classification

Dca s2, d2, a1

Code 211420042090100
 04.08.2017
 Rev.0

Description

Unshielded symmetric cable for data transmission in structured cabling networks (LAN), mainly in horizontal and secondary installations in interference-free environments. Bandwidth up to 200MHz. Standard EN 50173-1: 2011, ISO / IEC 110801 Ed.2, ANSI / TIA 568-C.2

Design

Conductor: Solid bare copper wire, 1 x 0,51mmØ (AWG24/1)
 Insulation: Special polyolefin compound
 Color code: See picture
 Assembly: Two cores wiring form a pair, pairs laid up together
 Outer sheath: Special Polyolefin compound, flame retardant
 Color: Grey, RAL7035
 Outer diameter (mm): 4,8
 Weight (kg/km): 25

Technical data

Operating temperature: -30 °C to +70 °C
 Installation temperature: -10 °C to +50 °C
 Min. Bending radius: 4 x outer diameter
 DC Loop resistance: 190Ω/km @20°C
 Insulation resistance: 5GΩ x km
 Capacitance @ 1 kHz: 50 +/- 5 nF/km
 Nominal voltage: 150V
 Characteristic impedance: 100+/- 5 Ω
 NVP: 69%

Frequency MHz	1	4	10	16	20	30	45	60	80	100	120	130	155	175	200
Attenuation ≤ dB/100m	2,1	4,0	6,3	8,0	9,0	11,2	13,9	16,2	18,9	21,3	23,6	24,7	27,2	29,2	31,5
NEXT ≥ dB/100m	65,3	56,3	50,3	47,2	45,8	43,1	40,5	38,6	36,7	35,3	34,1	33,6	32,4	31,6	30,8
PS NEXT ≥ dB/100m	62,3	53,3	47,3	44,2	42,8	40,1	37,5	35,6	33,8	32,3	31,1	30,6	29,5	28,6	27,8
ELFEXT ≥ dB/100m	63,8	51,8	43,8	39,7	37,8	34,3	30,7	28,2	25,7	23,8	22,2	21,5	20,0	19,0	17,8
PS ELFEXT ≥ dB/100m	60,8	48,8	40,8	36,7	34,8	31,3	27,7	25,2	22,7	20,8	19,2	18,5	17,0	16,0	14,8
RL ≥ dB	20,0	23,0	25,0	25,0	25,0	23,8	22,5	21,7	20,8	20,1	19,5	19,3	18,8	18,4	18,0

Behavior in the case of fire

EN 50399 Dca S2, d2, a1
 EN 60332-1 Flame retardant
 EN 50268-2 Low smoke emission
 EN 50267-2-3 Halogen free

Packing in box



305m

