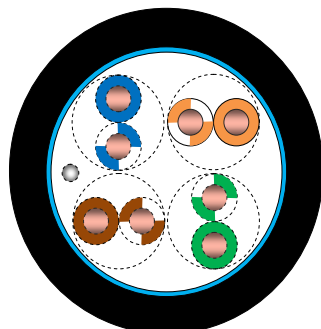


## Sumline® Fca FTP Cat.5e Outdoor 4 x 2 x AWG24/1



### CPR classification

Fca

Code 210620042090003  
 30.11.2017  
 Rev.0

#### Description

Unscreened symmetrical cable for data transmission in structured cabling networks (LAN), mainly in horizontal and secondary installations in interference-free environments. Bandwidth up to 200MHz. The Alu / PET tape and CuSn drain screen acts as protection against external interference. External cover resistant to UV rays, allows external application and directly buried.

#### 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
Screen:	Al/PET tape with CuSn drain wire Ø-0,4mm
Outer sheath:	Special PE (UV)
Color:	Black (RAL 9005)
Outer diameter (mm):	6,1
Weight (kg/km):	32

#### Technical data

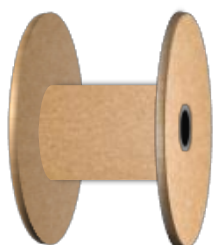
Operating temperature:	-30 °C a +80 °C
Installation temperature:	-10 °C a +50 °C
Min. Bending radius:	6 x outer diameter
DC Loop resistance:	190 Ω/km @20 °C
Insulation resistance:	5 GΩ x km
Capacitance @ 1 kHz:	50 ± 5 nF/km
Nominal voltge:	150 V
Characteristic impedance	100 ± 5 Ω
NVP:	67%

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	Fca
EN 60811-2-1	Oil Resistance

#### Packing in box



1.000m

