



Construction

Conductor	Flexible polished copper wire Class V according UNE-EN 60228
Insulation	Halogen free compound (Type T17) Identification: Colours

Technical characteristics

Operating voltage	300/500 V
Test Voltage	2000 V
Operating T^a (conductor)	Fixed installation: -15°C to +70°C During installation and transport: 0°C Storage: +40°C Cortocircuito (Max. 5seg): +160°C
Min. bending radius	4xD (Diameter <= 8 mm) 5xD (Diameter <= 12 mm) 6xD (Diameter > 12 mm)

Application

Single-pole cables without sheath for fixed installations protected inside apparatus and in fixed luminaires. Especially recommended in places where a low level of fumes and corrosive gases is required in case of fire. Suitable for installations in superficial ducts or built in, only in the case of signaling or control circuits.

Standards

Design	UNE-EN 50525-3-31
Flame Retardant	UNE-EN 60332-1 (IEC 60332-1)
Halogen free	UNE-EN 60754-1 (IEC 60754-1)
Low corrosivity	UNE-EN 60754-2 (IEC 60754-2) (pH >= 4,3 ; conductivity <= 10µS/mm)
Low smoke emission	UNE-EN 61034 (IEC 61034)



Constructive data

y Code	NxS (mm ²)	Ø (mm)	Weight (kg/km)	R at 20°C (Ohm/Km)	I max (A), 40°C air	I max (A), 40°C Pipe
0220061y	1x0,5	2.1	8.5	39	5.5	4.5
0220111y	1x0,75	2.3	14.2	26	7	6
0220131y	1x1	2.5	13.9	19.5	9	7.5

Legend

y Code	y: Digit Colour
NxS (mm²)	Number of conductors x Section (mm ²)
Ø (mm)	Aprox. outer diameter (mm)
Weight (kg/km)	Approximate cable weight (kg/km)
R at 20°C (Ohm/Km)	Conductor resistance at 20°C (Ohm/km)
I max (A), 40°C air	Max. current capacity (A), air (T ^a 40°C)
I max (A), 40°C Pipe	Max. current capacity (A), pipe (T ^a 40°C)

Colour code (y)

Code	Colour
0	Black
1	White
2	Grey
3	Red
4	Yellow
5	Green
6	Blue
7	Brown
8	Violet
9	Orange
A	Pink
B	Yellow/Green
Z	Dark Blue