



Construction

Conductor	Flexible bare copper wires Class V Acc. to UNE-EN 60228
Insulation	PVC (Type T11) Identification: Colours

Technical characteristics

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

Application

Unsheathed single core cables for fixed and protected installations inside electric devices and in/on fixed lights. Suitable for installations in superficial ducts or built in, only in the case of signaling or control circuits.

Standards

Ref. standard for drawing	UNE-EN 50525-2-31
Flame Retardant	UNE-EN 60332-1 (IEC 60332-1)



flame retardant



flexible cable



Datos Constructivos

y Code	NxS (mm ²)	Ø (mm)	Weight (kg/km)	Rt (Ohm/Km)	I max (A), 40°C air	I max (A), 40°C Pipe
0690131y	1x1	2.5	14.2	19.5	9	7.5
0690111y	1x0,75	2.3	11.5	26	7	6
0690061y	1x0,5	2.1	8.7	39	5.5	4.5

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)
Rt (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