



Construction

Conductor	Bare copper wire 0,80mm
Insulation	Polyethylene ADPE Identification: <ul style="list-style-type: none">· 1 pair: Red-Black· 2 pairs: Red-Black + White-Yellow
Assembly	1 pair: Two conductors insulated twisted together 2 pairs: Conductors laid-up in star (Star Quad)
Screen	Polyester tape separator + Aluminium/Polyester tape + tinned copper drain wire (0,51mm)
Outer sheath	PVC (Type TM51) Colour: Green

Technical characteristics

Operating voltage	250V Max. A.C 300V Max. C.C (*No apto para su conexión directa a la red de alimentación eléctrica o a otras fuentes de baja impedancia)
Test Voltage	1000 V
Conductor resistance	36 Ohm/Km Max.
Insulation resistance	1000 MOhm*Km
Capacitance	50 ±10 pFm
Characteristic Impedance	100 Ohm
Operating T^a	-15° to +70°C

Application

For control of domotic systems in buildings. In accordance with the EIB (European Installation Bus) and KNX systems. Generally used to control lighting, blinds, heating, ventilation, indicator panels, etc....

*CPR:

Cable suitable for installation under the requirements of CPR (Construction Product Regulation (EU) N°305/2011) according to the classification (Euroclass) specified in this document.

Standards / Properties

Flame Retardant	UNE-EN 60332-1 (IEC 60332-1)
CPR Classification (Euroclass)	Eca (According UNE-EN 50575)



Constructive Data

Code	Nx2xØ (mm)	Ø (mm)	Weight (kg/km)
	1x2x0,80	5	33
35100030	2x2x0,80	6,6	58
35100086	2x2x0,80 R100	6,6	58

Legend

Code	Cervi codification
Nx2xØ (mm)	Number of pairs x Conductor diameter (mm)
Ø (mm)	Aprox. outer diameter (mm)
Weight (kg/km)	Approximate cable weight (kg/km)