

## Construction

<b>Conductor</b>	Flexible bare copper wires Class V Acc. to UNE-EN 60228
<b>Insulation</b>	XLPE (Cross-linked polyethylene) Identification: Blue+Black. (Numbered, in case of multi paired cables)
<b>General assembly</b>	Twisted pairs laid-up together
<b>Overall screen</b>	Aluminium/polyester tape + flexible tinned copper drain wire Overlap: 25% Coverage: 100%
<b>Inner sheath</b>	Halogen free polyolefin compound Colour: Black
<b>Armour</b>	Galvanised steel wire armour Coverage: 90%
<b>Outer sheath</b>	Halogen free polyolefin compound Colour: Black

## Technical characteristics

<b>Operating voltage</b>	300/500 V
<b>Test Voltage</b>	1500 V
<b>Operating T<sup>a</sup> (conductor)</b>	-5°C +90°C

## Application

Shielded and armoured instrumentation and control cable for fixed installations. Suitable for indoor and outdoor installations, on supports in the air (protected from UV rays), in tubes or directly buried. Suitable for installations in public places and in those locations where a safe behavior of the cable against fire is required, as well as optimum mechanical protection by means of its steel wire armour. Thanks to the special hydrocarbon resistant compound sheath, especially recommended for installations in the Oil and Gas industry.

\* CPR:

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

## Standards / Properties

<b>Ref. for construction/drawing</b>	Based on UNE 50288-7
<b>CPR Classification (Euroclass)</b>	Cca-s1b,d1,a1 (According to UNE-EN 50575)
<b>Flame Retardant</b>	IEC 60332-1
<b>Fire Retardant</b>	IEC 60332-3-24
<b>Halogen free</b>	IEC 60754-1
<b>Low smoke emission</b>	IEC 61034-2
<b>Oil and hydrocarbon resistant</b>	UIC 895 OR



## Constructive data

Code	NxS (mm <sup>2</sup> )	Inner Ø (mm)	Ø (mm)	Weight (kg/km)	R at 20°C (Ohm/Km)
48261300	1x2x1.5	7.4	13.3	260	13.3
48261400	2x2x1.5	10.7	15.4	432	13.3
48261600	4x2x1,5	12.6	17.4	561	13.3

### Legend

<b>Code</b>	Cervi codification
<b>NxS (mm<sup>2</sup>)</b>	Number of conductors x Section (mm <sup>2</sup> )
<b>Inner Ø (mm)</b>	Diameter under armour (mm)
<b>Ø (mm)</b>	Aprox. outer diameter (mm)
<b>Weight (kg/km)</b>	Approximate cable weight (kg/km)
<b>R at 20°C (Ohm/Km)</b>	Conductor resistance at 20°C (Ohm/km)