



Construction

Conductor	Flexible bare copper wires Class V Acc. to UNE-EN 60228
Insulation	PVC (Type TI51) Identification: Blue + Black numbered.
Formation	Two insulated conductors twisted together as a pair
Individual screen	Polyester tape + Aluminium/Polyester tape + tinned copper drain wire
Assembly	Individual screened pairs laid up in concentricall layers
Overall screen	Polyester tape + Aluminium/Polyester tape + tinned copper drain wire
Outer sheath	PVC (Type TM51) Standard colour: Black

Technical characteristics

Operating voltage	500V
Test Voltage	2000V
Operating T^a (conductor)	Fixed installation: -15°C a +70°C During installation: 0°C Mínimo Short-circuit (Max. 5 seg): 160°C
Min. bending radius	Standard service: 5xD (Diameter up to 12 mm) 6xD (Diameter > 12 mm)
Insulation resistance	10 MOhm*Km Min.
Mutual capacitance	<250 nF/Km

Application

Flexible instrumentation and control cable for transmission of analog or digital signals and control of industrial equipment. With individual screen on each pair in addition to the general one, especially suitable when protection against electrical noise is required.

* CPR:

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

Standards

Ref. standard for drawing	Based on EN 50288-7
CPR Classification (Euroclass)	Eca (According to standard UNE-EN 50575)
Flame Retardant	UNE-EN 60332-1 (IEC 60332-1)



Constructive Data

Code	NxS (mm2)	Ø (mm)	Rt (Ohm/Km)	Weight (kg/km)
04760002	2x2x1	9.6	19.5	119
04760012	2x2x1 Blue	9.6	19.5	119
04760102	3x2x1	11.3	19.5	161
04760202	4x2x1	12.6	19.5	200
04760302	6x2x1	15.4	19.5	290
04761102	8x2x1	18	19.5	410
04760500	10x2x1	20.2	19.5	470
04760000	12x2x1	20.8	19.5	530
04760700	16x2x1	23.6	19.5	706
04761202	20x2x1	28	19.5	893
04761700	25x2x1	29.9	19.5	1100
04761402	2x2x1.5	10.5	13.3	188
04761502	3x2x1.5	12.6	13.3	225
04761602	4x2x1.5	13.9	13.3	255
04761802	6x2x1.5	17.1	13.3	355
04762400	8x2x1.5	19.4	13.3	430
04761800	10x2x1.5	22.4	13.3	580
04761900	12x2x1.5	23.4	13.3	675
04762700	2x2x2.5	14.2	7.98	221
04762900	4x2x2.5		7.98	

Legend

Code	Cervi codification
NxS (mm2)	Number of conductors x Section (mm2)
Ø (mm)	Aprox. outer diameter (mm)
Rt (Ohm/Km)	Conductor resistance at 20°C (Ohm/km)
Weight (kg/km)	Approximate cable weight (kg/km)