



Construction

Conductor	Flexible bare copper wires Class V Acc. to UNE-EN 60228
Insulation	Halogen free compound Identification: Blue + Numbered Black
Assembly	Two twisted insulated conductors forming a pair
Individual screen	Aluminium/Polyester tape + tinned copper drain wire
General assembly	Shielded pairs wired together
Overall screen	Aluminium/Polyester tape + tinned copper drain wire
Outer sheath	Halogen free compound Usual color: Green (*Other colours under order)

Technical characteristics

Operating voltage	300/500 V
Test Voltage	1500V
Operating T^a (conductor)	Fixed installation: -15°C to +70°C During installation: 0°C Minimum Shortcut (Max. 5 seg): 160°C
Min. bending radius	8xD

Application

Flexible instrumentation and control cable designed for use in industrial processes with high levels of electromagnetic interference. For fixed installations, recommended where an improved fire performance is required.

Standards / Properties

Design	According EN 50288-7
Flame Retardant	UNE-EN 60332-1 (IEC 60332-1)
Fire Retardant	UNE-EN 60332-3 (IEC 60332-3)
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

Code	NxS (mm2)	Ø (mm)	Weight (kg/km)	R at 20°C (Ohm/Km)
31158400	2x2x0,75	10.0	109	26
31158600	4x2x0,75	12.1	190	26
31158800	6x2x0.75	14.8	279	26
31160600	2x2x1	9.6	119	19.5
31160606	2x2x1 Azul	9.6	119	19.5
31160100	3x2x1	11.3	161	19.5
31160106	3x2x1 Azul	11.3	161	19.5
31160200	4x2x1	12.6	200	19.5
31160206	4x2x1 Azul	12.6	200	19.5
31160306	5x2x1 Azul	15	250	19.5
31160300	6x2x1	15.4	290	19.5
31160000	12x2x1	20.8	530	19.5
31160006	12x2x1 Azul	20.8	530	19.5
31160700	16x2x1	23.6	706	19.5
31161400	2x2x1,5	10.5	188	13.3
31161502	3x2x1.5 Gris	12.6	225	13.3
31161600	4x2x1.5	13.9	225	13.3
31161606	4x2x1.5 Azul	13.9	225	13.3
31162300	6x2x1.5	17.1	355	13.3
31162400	8x2x1.5	19.4	430	13.3
31161800	10x2x1.5	23.4	647	13.3
31161900	12x2x1.5	23.4	675	13.3
31162700	2x2x2.5			7.98
31162800	3x2x2.5			7.98
31162500	6x2x2.5			7.98

Legend

Code	Cervi codification
NxS (mm2)	Number of conductors x Section (mm2)
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)