



Construction

Based on VDE 812

Conductor	Electrolytic Flexible Polished Copper According to UNE-EN 60228
Insulation	Polyethylene According to VDE 0207
Individual assembly	Wired conductors in pairs
General assembly	Wired pairs in concentric layers
Screen	Polyester Tape Cu Sn Flexible Drain (0,22 mm ²) Polyester/Alu Tape
Outer sheath	PVC YM2 According VDE 0207 part 5 Colour Grey (RAL 7032)

Technical characteristics

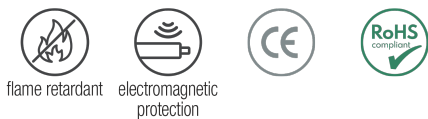
Operating T^a (conductor)	Fixed Service: -15°C to +70°C
Min. bending radius	10 times the outer diameter of the cable (mm)
Operating voltage	250V
Test Voltage	1000V

Application

Flexible instrumentation and control cable designed for use in industrial processes, made up of pairs with a display to the whole, for data transmission in computers and electronics, telephone applications and intercommunication. Transmission of analogue or digital signals where protection against electrical noise is required.

Standards

Flame Retardant UNE-EN 60332-1



Constructive Data

Code	NxS (mm2)	Ø (mm)	R at 20°C (Ohm/Km)	C (Cond-Cond) (pF/m)	C (Cond-Screen) (pF/m)	Weight (kg/km)	Gauge AWG
04651202	1x2x0.22	3.7	87.2	60	145	22	24
04651302	2x2x0.22	5.2	87.2	60	145	32	24
04651402	3x2x0.22	5.5	87.2	60	145	39	24
04651502	4x2x0.22	6	87.2	60	145	47	24
04651602	5x2x0.22	6.6	87.2	60	145	56	24
04651702	6x2x0.22	7	87.2	60	145	65	24
04651802	7x2x0.22	7.2	87.2	60	145	70	24
04651102	8x2x0.22	7.9	87.2	60	145	82	24
04652102	16x2x0.22		87.2	60	145		24
04654402	1x2x0.34	4	52	70	170	26	22
04654502	2x2x0.34	5.8	52	70	170	41	22
04654602	3x2x0.34	6.1	52	70	170	50	22
04654702	4x2x0.34	6.7	52	70	170	61	22
04654802	5x2x0.34	7.4	52	70	170	74	22
04654902	6x2x0.34	8	52	70	170	87	22
04655002	7x2x0.34	8.1	52	70	170	94	22
04655102	9x2x0.34	8.8	52	70	170	108	22
04655202	12x2x0.34	10.7	52	70	170	154	22
04655302	16x2x0.34	12	52	70	170	197	22
04655402	21x2x0.34	13.4	52	70	170	250	22
04656002	1x2x0.50	4.6	39	80	185	34	20
04656102	2x2x0.50	6.7	39	80	185	53	20
04656202	3x2x0.50	7.1	39	80	185	66	20
04656302	4x2x0.50	7.8	39	80	185	82	20
04656402	5x2x0.50	8.6	39	80	185	99	20
04656502	6x2x0.50	9.5	39	80	185	118	20
04656602	7x2x0.50	9.6	39	80	185	129	20
04656702	9x2x0.50	10.3	39	80	185	147	20
04656902	12x2x0.50	12.7	39	80	185	215	20
04657102	16x2x0.50	14.2	39	80	185	275	20
04657302	21x2x0.50	15.9	39	80	185	351	20

Legend

- Code** Cervi codification
- NxS (mm2)** Number of conductors x Section (mm2)
- Ø (mm)** Aprox. outer diameter (mm)
- R at 20°C (Ohm/Km)** Conductor resistance at 20°C (Ohm/km)
- C (Cond-Cond) (pF/m)** Capacitance between conductors (pF/m)
- C (Cond-Screen) (pF/m)** Capacitance between conductors and screen
- Weight (kg/km)** Approximate cable weight (kg/km)

Colour Code

Pair	Colour	Colour
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Pair	Colour	Colour
1	Black	Red
2	Black	White
3	Black	Green
4	Black	Blue
5	Black	Yellow
6	Black	Brown
7	Black	Orange
8	Red	White
9	Red	Green
10	Red	Blue
11	Red	Yellow
12	Red	Brown
13	Red	Orange
14	Green	White
15	Green	Blue
16	Green	Yellow
17	Green	Brown
18	Green	Orange
19	White	Blue
20	White	Yellow
21	White	Brown