



## Construction

<b>Conductor</b>	Flexible bare copper wires · Sections up to 0.34mm <sup>2</sup> : According EN 13602 · Sections from 0.5mm <sup>2</sup> (incl.): Class V S/UNE-EN 60228
<b>Insulation</b>	Halogen free polyolefin compound Identification: Colour code according DIN 47100
<b>Assembly</b>	Insulated conductors laid up together in concentric layers
<b>Screen</b>	Tinned copper wire braid Coverage: 60% aprox.
<b>Outer sheath</b>	Halogen free polyolefin compound Colour: Green (*Other colours under order)

## Technical characteristics

<b>Operating voltage</b>	250 V (*Not suitable for direct connection to mains supply or other low impedance sources)
<b>Test Voltage</b>	1000 V
<b>Operating T<sup>a</sup> (conductor)</b>	Fixed installation: -15°C +70°C
<b>Insulation resistance</b>	>20 MOhm*Km
<b>Min. bending radius</b>	8xD

## Application

Flexible shielded cable designed for use in industrial processes in fixed installations. For signal transmission between electronic devices, computer systems or process control units with EMC requirements. Suitable for free-moving applications requiring flexibility but without tensile stress. Especially recommended when a good behaviour in case of fire is required as well as zero haloge emission.

## Standards / Properties

<b>Ref. for construction/drawing</b>	UNE 212016 (According VDE 0812)
<b>Flame Retardant</b>	UNE-EN 60332-1 (IEC 60332-1)
<b>Fire Retardant</b>	UNE-EN 60332-3 (IEC 60332-3)
<b>Halogen free</b>	UNE-EN 60754-1 (IEC 60754-1)
<b>Low corrosivity</b>	UNE-EN 60754-2 (IEC 60754-2) (pH >= 4,3 ; conductivity <= 10µS/mm)
<b>Low smoke emission</b>	UNE-EN 61034 (IEC 61034)



## Constructive Data

Code	NxS (mm2)	Ø exterior (mm)	Weight (kg/km)	Rt (Ohm/Km)
32004205	2x0.14	3.8	21	138
32007205	3x0.14	4	40	138
32012105	4x0.14	4.2	43	138
32015105	5x0.14	4.5	47	138
32017405	6x0.14	4.9	52	138
32018905	7x0.14	4.9	54	138
32020705	8x0.14	5.3	58	138
32023105	10x0.14	5.9	76	138
32025405	12x0.14	6.1	81	138
32026705	14x0.14	6.3	89	138
32027905	16x0.14	6.7	97	138
32029105	18x0.14	7.1	100	138
32030305	20x0.14	7.7	116	138
32031505	21x0.14	7.7	131	138
32032705	24x0.14	8.6	158	138
32033805	25x0.14	8.8	165	138
32035005	27x0.14	8.8	179	138
32036205	30x0.14	9	194	138
	32x0.14	9	198	138
32039505	36x0.14	9.9	231	138
32039805	40x0.14	10.3	252	138
32040905	44x0.14	11.1	276	138
	48x0.14	11.2	301	138
32042105	50x0.14	11.5	327	138
32043305	52x0.14	11.5	340	138
	56x0.14	11.8	399	138
32044405	61x0.14	12.1	377	138
32004305	2x0.22	4	29	88.6
32004315	2x0.22 R100	4	29	88.6
32007305	3x0.22	4.1	34	88.6
32007315	3x0.22 R100	4.1	34	88.6
32012205	4x0.22	4.4	40	88.6
32012215	4x0.22 R100	4.4	40	88.6
32015205	5x0.22	4.9	40	88.6
32017505	6x0.22	5.2	54	88.6
32017515	6x0.22 R100	5.2	54	88.6
32019005	7x0.22	5.2	61	88.6
32020805	8x0.22	5.9	66	88.6
32023205	10x0.22	6.6	80	88.6
32025505	12x0.22	6.7	91	88.6
32026805	14x0.22	7	120	88.6
32028005	16x0.22	7.4	135	88.6
32031605	21x0.22	8.2	163	88.6
32033905	25x0.22	9	220	88.6

Code	NxS (mm2)	Ø exterior (mm)	Weight (kg/km)	Rt (Ohm/Km)
32036305	30x0.22	9.4	243	88.6
	36x0.22	10.7	280	88.6
32039905	40x0.22	11.2	302	88.6
32000405	1x0.25			79
32004405	2x0.25	4.2	28	79
32007405	3x0.25	4.4	34	79
32012305	4x0.25	4.8	40	79
32015305	5x0.25	5.1	47	79
32017605	6x0.25	5.7	54	79
32019105	7x0.25	5.7	61	79
32020905	8x0.25	6.3	66	79
32023905	10x0.25	7	80	79
32025605	12x0.25	7.2	91	79
32026905	14x0.25	7.5	120	79
	15x0.25	7.8	127	79
32028105	16x0.25	7.8	135	79
32029305	18x0.25	8.2	150	79
32030505	20x0.25	10.2	157	79
32031705	21x0.25	10.2	163	79
	24x0.25	10.2	212	79
32034005	25x0.25	10.4	220	79
32035205	27x0.25	10.4	226	79
32036405	30x0.25	10.7	243	79
	32x0.25	11	256	79
32038305	36x0.25	11.4	280	79
32040005	40x0.25	12	302	79
32041105	44x0.25	12.7	329	79
	48x0.25	12.9	444	79
32042305	50x0.25	13.2	461	79
32043505	52x0.25	13.2	479	79
32091905	56x0.25	13.5	516	79
32044605	61x0.25	13.9	593	79
32004602	2x0.34	4.7	31	57.4
32007502	3x0.34	5	38	57.4
32012405	4x0.34	5.3	46	57.4
32015405	5x0.34	5.9	54	57.4
32017705	6x0.34	6.5	62	57.4
32019205	7x0.34	6.5	70	57.4
32021005	8x0.34	7.1	76	57.4
32023305	10x0.34	8	114	57.4
32025705	12x0.34	8.2	128	57.4
32027005	14x0.34	8.6	141	57.4
32028205	16x0.34	9	155	57.4
32029405	18x0.34	10.2	186	57.4
32030605	20x0.34	10.8	195	57.4
32031805	21x0.34	10.8	201	57.4

Code	NxS (mm2)	Ø exterior (mm)	Weight (kg/km)	Rt (Ohm/Km)
32032905	24x0.34	11.7	244	57.4
32035305	27x0.34	11.9	261	57.4
32036505	30x0.34	12.3	282	57.4
	32x0.34	12.7	298	57.4
32038405	36x0.34	13.2	325	57.4
32040105	40x0.34	13.8	352	57.4
32041205	44x0.34	15.2	399	57.4
	48x0.34	15.5	544	57.4
32042405	50x0.34	15.9	566	57.4
32043605	52x0.34	15.9	589	57.4
	56x0.34	16.3	634	57.4
32000605	1x0.5			39
32004702	2x0.5	5.2	36	39
32004712	2x0.5 R100	5.2	36	39
32004701	2x0.5 White	5.2	36	39
32007602	3x0.5	5.5	45	39
32007612	3x0.5 R100	5.5	45	39
32012505	4x0.5	6.1	54	39
32015505	5x0.5	6.5	67	39
32017802	6x0.5	7.1	76	39
32017806	6x0.5 Blue	7.1	76	39
32019305	7x0.5	7.1	84	39
32021105	8x0.5	7.8	107	39
32023405	10x0.5	8.8	134	39
32025805	12x0.5	9	155	39
32027105	14x0.5		170	39
32028305	16x0.5	10.6	186	39
32029505	18x0.5	11.2	217	39
32030705	20x0.5	11.9	239	39
32031905	21x0.5	11.1	251	39
32033005	24x0.5	12.9	300	39
32034205	25x0.5	13.1	313	39
32035405	26x0.5	13.1	325	39
32035405	27x0.5	13.1	330	39
32036605	30x0.5	13.6	338	39
	32x0.5	14	348	39
32039005	37x0.5	14.8	360	39
32036105	42x0.5	16.8	525	39
32042505	50x0.5	17.5	625	39
32044805	61x0.5	18.9	764	39
32005205	2x0.75	5.8	62	26
32008105	3x0.75	6.1	73	26
3200810Z	3x0.75 Grey	6.1	73	26
32013005	4x0.75	6.5	92	26
3201300Z	4x0.75 Grey	6.5	92	26
32016005	5x0.75	7.1	110	26

Code	NxS (mm2)	Ø exterior (mm)	Weight (kg/km)	Rt (Ohm/Km)
32017905	6x0.75	7.7	128	26
32019405	7x0.75	7.7	145	26
32021205	8x0.75	8.5	151	26
32023505	10x0.75	10.3	182	26
32025905	12x0.75	10.6	216	26
32029605	18x0.75	12.2	311	26
32030805	20x0.75	13	332	26
32033105	24x0.75	13	390	26
32034305	25x0.75	14.8	404	26
32036705	30x0.75	15.4	497	26
32037205	32x0.75	16	520	26
32040305	40x0.75	17.4	676	26
32001305	1x1			19.5
32005405	2x1	6.2	74	19.5
32008305	3x1	6.5	89	19.5
32013205	4x1	7	107	19.5
32016105	5x1	7.6	132	19.5
32018005	6x1	8.3	147	19.5
32019505	7x1	8.3	158	19.5
32021305	8x1	9.2	179	19.5
32023605	10x1	11.1	215	19.5
32026005	12x1	11.4	254	19.5
32028505	16x1	12.5	330	19.5
32029705	18x1	13.2	366	19.5
32030905	20x1	14.1	399	19.5
32033205	24x1	25.7	440	19.5
32034405	25x1	16	478	19.5
32036805	30x1	16.7	502	19.5
32001400	1x1.5 Black			13.3
32005505	2x1.5	6.8	86	13.3
32008405	3x1.5	7.1	107	13.3
32013305	4x1.5	7.8	129	13.3
32016205	5x1.5	8.4	150	13.3
32019605	7x1.5	9.2	192	13.3
32021405	8x1.5	10.9	219	13.3
32023705	10x1.5	12.3	274	13.3
32026105	12x1.5	12.6	315	13.3
32029805	18x1.5	15.2	450	13.3
32031005	20x1.5	16.3	500	13.3

**Legend**

<b>Code</b>	Cervi codification
<b>NxS (mm2)</b>	Number of conductors x Section (mm2)
<b>Weight (kg/km)</b>	Approximate cable weight (kg/km)
<b>Rt (Ohm/Km)</b>	Conductor resistance at 20°C (Ohm/km)