



Construction

Conductor	Flexible bare copper wires Class V Acc. to UNE-EN 60228
Insulation	Halogen free compound Identification: HD 308 S2 (See attached table)
Assembly	Insulated conductors laid-up together in concentric layers
Screen	Bare copper wire braid Coverage: 60% aprox.
Outer sheath	Halogen free compound Colour: Green (Other colours under order)
Operating voltage	300/500 V
Test Voltage	2000V
Operating T^a	Fixed installation: -15°C to +70°C During installation: 0°C Min. Short-circuit (Max. 5 seg): 160°C
Min. bending radius	8xD

Application

Flexible shielded instrumentation and control cable for fixed installations in industrial processes or buildings. Especially recommended when good electromagnetic protection and good cable fire performance is required.

* CPR:

Cable suitable for installation under the requirements of CPR (Construction Product Regulation (EU) No. 305/2011) according to the classification (Euroclass) specified in this document.

Standards / Properties

Ref. for construction/drawing	Special design, based on EN 50288-7
CPR Classification (Euroclass)	Cca-s1b,d1,a1 (According to UNE-EN 50575)
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)
44004705	2x0.5	6.2	49	39
44012505	4G0.5	7	71	39
44023405	10G0.5	9.9	138	39
44025805	12G0.5	10.2	158	39
44028305	16G0.5	11.4	199	39
44030705	20G0.5	12.6	243	39
44005205	2x0.75	6.7	60	26
44013005	4G0.75	7.6	89	26
44023505	10G0.75	11.1	178	26
44025905	12G0.75	11.4	205	26
44028405	16G0.75	12.6	255	26
44030805	20G0.75	14.1	323	26
44005405	2x1	7.1	67	19.5
44008305	3G1	7.5	84	19.5
44013205	4G1	8.1	103	19.5
44013206	4G1 BLUE	8.1	103	19.5
44016105	5G1	8.7	122	19.5
44018005	6G1	9.4	138	19.5
44019505	7G1	9.4	152	19.5
44021305	8G1	10.4	180	19.5
44023605	10G1	11.9	215	19.5
44026005	12G1	12.3	247	19.5
44027305	14G1	12.9	279	19.5
44028505	16G1	13.7	313	19.5
44029705	18G1	14.4	350	19.5
44030905	20G1	15.2	390	19.5
44033205	24G1	16.9	459	19.5
44034405	25G1	16.9	478	19.5
44036805	30G1	17.8	553	19.5
	64G1	24.6	1077	19.5
44005505	2x1.5	7.7	82	13.3
44008405	3G1.5	8.1	103	13.3
44013305	4G1.5	8.8	127	13.3
44016205	5G1.5	9.5	153	13.3
44018105	6G1.5	10.3	175	13.3
44019605	7G1.5	10.3	194	13.3
44021405	8G1.5	11.7	238	13.3
44023705	10G1.5	13.1	278	13.3
44026105	12G1.5	13.5	319	13.3
44028605	16G1.5	15.1	409	13.3
44031005	20G1.5	17	519	13.3

Code	NxS (mm2)	Ø (mm)	Weight (kg/km)	R at 20°C (Ohm/Km)
44033305	24G1.5	18.7	606	13.3
44034505	25G1.5	18.9	629	13.3
44036905	30G1.5	20	731	13.3
	32G1.5	20.7	778	13.3
44039305	37G1.5	21.5	875	13.3
44042005	48G1.5	24.5	1110	13.3
44005705	2x2.5	8.8	112	7.98
44008605	3G2.5	9.3	146	7.98
44013505	4G2.5	10.1	181	7.98
44016305	5G2.5	11.2	223	7.98
44019705	7G2.5	12.2	291	7.98
44005805	2x4	10.1	159	4.95
44008805	3G4	10.7	209	4.95
44013705	4G4	11.9	266	4.95

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)

Colour table

N° Conductors	Insulation colour
2x	Blue, Brown
3x	Brown, Black, Grey
3G	Blue, Brown, Yellow/Green
4x	Blue, Brown, Black, Grey
4G	Brown, Black, Grey, Yellow/Green
5G	Blue, Brown, Black, Grey, Yellow/Green
> 5 (G)	Black numbered + Yellow/Green
> 5 (x)	Black numbered