



Construction

Conductor	Flexible bare copper wires Class V Acc. to UNE-EN 60228
Insulation	Halogen free compound Identification: HD 308 S2 (See attached table)
General 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)

Technical characteristics

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, designed for use in industrial processes in fixed installations. Especially recommended when good electromagnetic protection and good cable fire performance is required.

Standards / Properties

Ref. for construction/drawing	Special design, based on 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)
43005205	2x0.5	6.2	49	39
43012505	4G0.5	7	71	39
43023405	10G0.5	9.9	138	39
43025805	12G0.5	10.2	158	39
43028305	16G0.5	11.4	199	39
43030705	20G0.5	12.6	243	39
43005205	2x0.75	6.7	60	26
43013005	4G0.75	7.6	89	26
43023505	10G0.75	11.1	178	26
43025905	12G0.75	11.4	205	26
43028405	16G0.75	12.6	255	26
43030805	20G0.75	14.1	323	26
43005405	2x1	7.1	67	19.5
43005415	2x1 R100	7.1	67	19.5
43008305	3G1	7.5	84	19.5
43008315	3G1 R100	7.5	84	19.5
43013205	4G1	8.1	103	19.5
43013215	4G1 R100	8.1	103	19.5
43013299	4x1 N.Num	8.1	103	19.5
43016105	5G1	8.7	122	19.5
43018005	6G1	9.4	138	19.5
43019505	7G1	9.4	152	19.5
43021305	8G1	10.4	180	19.5
43023605	10G1	11.9	215	19.5
43026005	12G1	12.3	247	19.5
43027305	14G1	12.9	279	19.5
43028505	16G1	13.7	313	19.5
43029705	18G1	14.4	350	19.5
43030905	20G1	15.2	390	19.5
43033205	24G1	16.9	459	19.5
43033203	24G1 Red	16.9	459	19.5
43034405	25G1	16.9	478	19.5
43036805	30G1	17.8	553	19.5
43037105	32G1	18.7	566	19.5
43043102	64G1 Grey	24.6	1077	19.5
43005505	2x1.5	7.7	82	13.3
43005515	2x1.5 R100	7.7	82	13.3
43008405	3G1.5	8.1	103	13.3
43008402	3G1.5 Gris	8.1	103	13.3
43013305	4G1.5	8.8	127	13.3
43016205	5G1.5	9.5	153	13.3

Code	NxS (mm2)	Ø (mm)	Weight (kg/km)	R at 20°C (Ohm/Km)
43018105	6G1.5	10.3	175	13.3
43019605	7G1.5	10.3	194	13.3
43021405	8G1.5	11.7	238	13.3
43023705	10G1.5	13.1	278	13.3
43026105	12G1.5	13.5	319	13.3
43028605	16G1.5	15.1	409	13.3
43031005	20G1.5	17	519	13.3
43033305	24G1.5	18.7	606	13.3
43036905	30G1.5	20	731	13.3
43038105	32G1.5	20.7	778	13.3
43039305	37G1.5	21.5	875	13.3
43042006	48G1.5	24.5	1110	13.3
43005705	2x2.5	8.8	112	7.98
43008605	3G2.5	9.3	146	7.98
4300860F	3x2.5	9.3	146	7.98
43013505	4G2.5	10.1	181	7.98
43016305	5G2.5	11.2	223	7.98
43019705	7G2.5	12.2	291	7.98
43005805	2x4	10.1	159	4.95
43008805	3G4	10.7	209	4.95
43013705	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