



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	600/1000 V
Test Voltage	3500 V
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 power and control cable, designed for use in industrial processes in fixed installations. Especially recommended when good electromagnetic protection and good fire performance is required.

Standards / Properties

Ref. for construction/drawing	Special design, based on IEC 60502-1.
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)
43505505	2x1.5	9.4	108	13.3
43505500	2x1.5 Black	9.4	108	13.3
43505502	2x1.5 Grey	9.4	108	13.3
43508415	3x1.5	9.9	135	13.3
43508405	3G1.5	9.9	135	13.3
43513315	4x1.5	10.7	167	13.3
43513305	4G1.5	10.7	167	13.3
43516215	5x1.5	11.5	191	13.3
43516205	5G1.5	11.5	191	13.3
43518105	6G1.5	12.5	222	13.3
43521405	8G1.5	13.8	291	13.3
43523705	10G1.5	15.5	336	13.3
43526105	12G1.5	16	387	13.3
43527405	14G1.5	16.8	442	13.3
43528605	16G1.5	17.6	495	13.3
43529805	18G1.5	18.6	546	13.3
43530105	19G1.5	18.6	569	13.3
43531005	20G1.5	19.6	598	13.3
43533305	24G1.5	21.6	709	13.3
43536905	30G1.5	22.9	863	13.3
43540505	40G1.5	25.7	1128	13.3
43542805	50G1.5	28.8	1377	13.3
43505705	2x2.5	10.3	136	7.98
43508615	3x2.5	10.9	176	7.98
43508605	3G2.5	10.9	176	7.98
43513505	4G2.5	11.8	216	7.98
43516305	5G2.5	12.8	260	7.98
43518305	6G2.5	13.8	303	7.98
43519705	7G2.5	13.8	337	7.98
43521505	8G2.5	15.4	397	7.98
43523805	10G2.5	17.3	459	7.98
43526205	12G2.5	17.9	533	7.98
43527505	14G2.5	18.7	607	7.98
43528705	16G2.5	19.8	685	7.98
43529905	18G2.5	20.8	762	7.98
43531105	20G2.5	22	837	7.98
43533405	24G2.5	24.3	968	7.98
43537005	30G2.5	25.7	1200	7.98
43539405	37G2.5	28	1467	7.98
43505805	2x4	12.1	194	4.95
43508815	3x4	12.8	255	4.95
43508805	3G4	12.8	255	4.95

Code	NxS (mm2)	Ø (mm)	Weight (kg/km)	R at 20°C (Ohm/Km)
43513705	4G4	13.9	317	4.95
43513702	4G4 Grey	13.9	317	4.95
43516405	5G4	15.2	378	4.95
43519805	7G4	16.5	489	4.95
43524005	10G4	202.9	694	4.95
43526405	12G4	21.6	805	4.95
43501705	1x6	8.6	136	3.3
43501700	1x6 Black	8.6	136	3.3
43501702	1x6 Grey	8.6	136	3.3
43501706	1x6 Blue	8.6	136	3.3
43501707	1x6 Brown	8.6	136	3.3
43505905	2x6	13.9	261	3.3
43505900	2x6 Black	13.9	261	3.3
43508915	3x6	14.7	345	3.3
43508905	3G6	14.7	345	3.3
43513805	4G6	16.1	435	3.3
43516505	5G6	17.6	525	3.3
43518605	6G6	19.2	617	3.3
43521705	8G6	21.6	837	3.3
	10G6	24.5	976	3.3
	12G6	25.3	1137	3.3
43501805	1x10	9.5	179	1.91
43506005	2x10	15.6	343	1.91
43506000	2x10 Black	15.6	343	1.91
43509015	3x10	16.6	466	1.91
43509005	3G10	16.6	466	1.91
43513905	4G10	18.3	596	1.91
43516605	5G10	20.1	726	1.91
43520005	7G10	21.9	964	1.91
43501905	1x16	11.2	258	1.21
43506105	2x16	19.2	510	1.21
43509105	3G16	20.4	698	1.21
43514005	4G16	22.4	891	1.21
43516705	5G16	24.7	1090	1.21
43520105	7G16	27	1461	1.21

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