



Construction

Conductor	Flexible bare copper wires Class V Acc. to UNE-EN 60228
Insulation	EPR Rubber(UNE 21150) Identification: HD 308 S2 (see attached table)
General assembly	Insulated conductors laid up in concentric layers
Outer sheath	Elastomer compound, RUBBER (SE1 type according to UNE 21150) Color standard: Negro

Technical characteristics

Operating voltage	600/1000 V
Test Voltage	3500 V
Operating T^a	Fixed service (protected installation): -40°C to +90°C Mobile service: -25°C to +90°C During installation: -25°C Storage: 40°C Max. Short-circuit (Max. 5 seg): 250°C
Min. bending radius	Fixed installation: 3xD (Diameter <= 12 mm) 4xD (Diameter > 12 mm) Free movement: 5xD (Diameter <= 12 mm) 6xD (Diameter >12 mm)

Application

Flexible cable for heavy mobile service applications. Suitable for installations in dry, wet or wet rooms, in the open air, in explosive atmosphere locations (for portable or mobile equipment supply), in industrial workshops, motors, transportable machines, quarries and agricultural operations, reels and lifting devices.
Suitable for submerged installations (AD8).

* 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	UNE 21150 (*It also fulfills the requirements of UNE 21166, being suitable for submerged installations AD8)
CPR Classification (Euroclass)	Eca (According to UNE-EN 50575)
Flame Retardant	UNE-EN 60332-1 (IEC 60332-1)
Other characteristics	· Resistance to fats and oils: Excellent · Resistance to chemical products: Excellent



Data

Code	NxS (mm2)	Ø (mm)	Weight (kg/km)	R at 20°C (Ohm/Km)	I (A), 30°C	I (A) Und, 20°C
09601700	1x6	8.2	110	3.3	53	46
09601800	1x10	10	175	1.91	74	61
09601900	1x16	11.2	240	1.21	101	79
09602000	1x25	13.2	350	0.78	135	101
09602100	1x35	14.7	465	0.554	169	122
09602200	1x50	17	635	0.386	207	144
09602300	1x70	18.9	850	0.272	268	178
09602400	1x95	21.4	1100	0.206	328	211
09602500	1x120	23.4	1375	0.161	383	240
09602600	1x150	25.8	1695	0.129	444	271
09602700	1x185	28.1	2045	0.106	510	304
09602800	1x240	31.3	2635	0.0801	607	351
09602900	1x300	34.5	3275	0.0641	703	396
09605500	2x1.5	8.3	100	13.3	26	
09605700	2x2.5	9.8	145	7.98	36	
09605800	2x4	10.9	200	4.95	49	
09605900	2x6	12.4	265	3.3	63	
09606000	2x10	17.5	485	1.91	86	
09606100	2x16	19.9	665	1.21	115	
09606200	2x25	24.8	1010	0.78	149	
09608400	3G1.5	9.2	130	13.3	26	
09608600	3G2.5	10.8	185	7.98	36	
09608800	3G4	12.4	260	4.95	49	
09608900	3G6	14	345	3.3	63	
09609000	3G10	20	640	1.91	86	
09609100	3G16	21.8	855	1.21	115	
09609200	3G25	26.3	1270	0.78	149	
09609300	3G35	29.1	1655	0.554	185	
09609400	3G50	33.5	2255	0.386	225	
09609500	3G70	37.3	2970	0.272	289	
09609600	3G95	44	3935	0.206	352	
09613300	4G1.5	10.3	160	13.3	23	
09613500	4G2.5	7.98	11.9	230	32	
09613700	4G4	14.1	325	4.95	42	
09613800	4G6	15.6	435	3.3	54	
09613900	4G10	21.4	775	1.91	75	
0961390F	4x10	21.4	775	1.91	75	
09614000	4G16	24.3	1080	1.21	100	
09614100	4G25	29.8	1630	0.78	127	
09614200	4G35	32.7	2115	0.554	158	
09614300	4G50	37.9	2895	0.386	192	
09614400	4G70	41.8	3825	0.272	246	
09614500	4G95	47.4	4980	0.206	298	
09614800	4G120	52.3	6165	0.161	346	

Code	NxS (mm2)	Ø (mm)	Weight (kg/km)	R at 20°C (Ohm/Km)	I (A), 30°C	I (A) Und, 20°C
09614900	4G150	57.5	7605	0.129	399	
09616500	5G6	17.7	545	3.3	54	
09616600	5G10	23.7	945	1.91	75	
09616700	5G16	26.9	1320	1.21	100	
09616800	5G25	32.9	1995	0.78	127	
09616900	5G35	35.8	2560	0.554	158	
09617000	5G50	42.2	3575	0.386	192	
09619700	7G2.5	16.6	430	7.98	36	
09626100	12G1.5	17.2	450	13.3	23	
09626200	12G2.5	20.3	945	7.98	32	

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)
- I (A), 30°C** Max. current capacity (A), air (T^a 30°C)
- I (A) Und, 20°C** Max. current capacity (A), underground. (T^a20°C)

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