



## Construction

<b>Conductor</b>	Flexible bare copper wires Class V Acc. to UNE-EN 60228
<b>Insulation</b>	PVC (Type T12) Identification: HD 308 (See Table)
<b>Composition</b>	Insulated conductors laid-up parallels (flat cable)
<b>Outer sheath</b>	PVC (Type TM2) Colour: Black

## Technical characteristics

<b>Operating voltage</b>	450/750V
<b>Test Voltage</b>	2500V
<b>Operating T<sup>a</sup> (conductor)</b>	Mobile Service: 0°C to +40°C T <sup>a</sup> maximum at conductor: 70°C Shortcut T <sup>a</sup> maximum: 160°C (5 seg)
<b>Min. bending radius</b>	In festoon: 10 x D Diverted by pulleys: 10xD Free movement: 5xD *D being the smallest external dimension
<b>Free suspension length</b>	35m Max.
<b>Movement speed</b>	1,6 m/s Max.

## Application

Flexible flat cable suitable for mobile services. Suitable for use under the lift car and freight elevator when the free suspended length does not exceed 35 m and the travel speed does not exceed 1.6 m/s. They should not be installed in overlapping layers that limit the natural movement of cables. Not suitable for outdoor or underground installation.

## Standards / Properties

<b>Ref. standard for drawing</b>	UNE-EN 50214
<b>Flame Retardant</b>	UNE-EN 60332-1 (IEC 60332-1)



## Constructive Data

Code	NxS (mm2)	Dimensions	Weight (kg/km)	Rt (Ohm/Km)	I (A), 30°C
00313300	4G1.5	17x5.3	149	13.3	18.5
00316200	5G1.5	18x5	140	13.3	22
00318100	6G1.5	22x5.3	213	13.3	22
00319600	7G1.5	27x5	260	13.3	22
00321400	8G1.5	28x5.3	271	13.3	22
00326100	12G1.5	41x5.3	399	13.3	22
00327400	14G1.5	51x5	435	13.3	22
00328600	16G1.5	54x5.3	528	13.3	22
00329800	18G1.5	65x5	559	13.3	22
00333300	24G1.5	83.6x5.2	818	13.3	22
00313500	4G2.5	21x5.9	219	7.98	25
00316300	5G2.5	2.1x5.7	240	7.98	30
00318300	6G2.5	27x5.9	309	7.98	30
00321500	8G2.5	34x5.9	399	7.98	30
00326200	12G2.5	50x5.9	590	7.98	30
00327500	14G2.5			7.98	30
00329900	17G2.5			7.98	30
00333400	24G2.5	103x5.7	950	7.98	30
00313700	4G4	23x7.0	301	4.95	34
00316400	5G4	26.9x6.9	402	4.95	34
00319800	7G4	37.9x6.9	567	4.95	34
00313800	4G6	25x7.2	389	3.3	43
00316500	5G6	29.5x7.6	525	3.3	43
00319900	7G6	41.1x7.1	755	3.3	43
00313900	4G10	30x9.3	640	1.91	60
00316600	5G10	37.5x10.2	935	1.91	60
00314000	4G16	35x10.5	928	1.21	80
00316700	5G16	43.4x11.1	1317	1.21	80
00314100	4G25	44x13.1	1435	0.78	101
00314200	4G35	48x14.4	1880	0.554	126
00314300	4G50	57x16.3	2580	0.386	153
00314400	4G70	62x17.8	3374	0.272	196

### Legend

<b>Code</b>	Cervi codification
<b>NxS (mm2)</b>	Number of conductors x Section (mm2)
<b>Dimensions</b>	Outer dimensions (mm)
<b>Weight (kg/km)</b>	Approximate cable weight (kg/km)
<b>Rt (Ohm/Km)</b>	Conductor resistance at 20°C (Ohm/km)
<b>I (A), 30°C</b>	Max. current capacity (A), air (T <sup>a</sup> 30°C)

## Colour Table

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