



## Construction

<b>Conductor</b>	Flexible bare copper wires acc. to UNE-EN 60228 Class VI: sectional area < 35mm <sup>2</sup> Class V: sectional area up from 35mm <sup>2</sup> (inclusive)
<b>Insulation</b>	EPR Rubber (Type 3GI3) Identification: HD 308 S2. See attached table.
<b>Assembly</b>	Flat (shielded insulated conductors arranged in parallel)
<b>Screen</b>	Tinned copper wire braid Coverage: 80%
<b>Outer sheath</b>	CR Rubber (Type 5GM3) Colour: Black

## Technical characteristics

<b>Operating voltage</b>	300/500 V
<b>Operating T<sup>a</sup></b>	Fixed service: -40°C a +90°C Mobile service: -35°C a +80°C
<b>Min. bending radius</b>	Fixed service: 5xD Mobile service: 10xD

## Application

Flexible and shielded rubber flat control cable suitable for mobile applications where the cables are continuously bended on the same level (cable trolley). Suitable for dry, wet and wet sites and for outdoor use. Individually shielded, especially recommended in locations where good electromagnetic protection is necessary.

## Standards / Properties

<b>Ref. standard for drawing</b>	DIN VDE 0250 part 809
<b>Flame Retardant</b>	VDE 0482-332-1-2/IEC 60332-1-2
<b>Oil resistant</b>	EN 60811-2-1
<b>Other characteristics</b>	UV Resistant Ozone Resistant



## Datos Constructivos

Code	NxS (mm2)	Dimensions	Weight (kg/km)	R at 20°C (Ohm/Km)	I (A), 30°C
34813300	4G1.5	18.5x6.5	230	13.7	23
34821400	8G1.5	36.1x7.5	640	13.7	23
34826100	12G1.5	54.5x8.5	770	13.7	23
34813500	4G2.5	22.5x7.5	340	8.212	31
34826200	12G2.5	69.5x9.5	1061	8.21	31
34813700	4G4	29.1x10.5	505	4.95	42
34813800	4G6	31.1x10.5	600	3.3	54
34813900	4G10	36.1x10.5	855	1.91	75
34814000	4G16	51.5x13.5	1160	1.21	100
34814100	4G25	47.1x13.5	1640	0.78	127
34814200	4G35	55.1x17.1	2540	0.554	158
34814300	4G50	66.1x20.5	3030	0.386	192

### LEYENDA

<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>R at 20°C (Ohm/Km)</b>	Conductor resistance at 20°C (Ohm/km)
<b>I (A), 30°C</b>	Max. current capacity (A), air (Tª 30°C)

## Tabla de colores

N° Conductores	Color de aislamiento
2x	Blue, Brown
3x	Brown, Black, Grey
3G	Blue, Brown, Yellow/Green
4x	Blue, Brown, Black, Grey
4G	Brown, Black, Grey, Yellow/Green
5x	Blue, Brown, Black, Grey, Black
5G	Blue, Brown, Black, Grey, Yellow/Green
> 5 (G)	Black numbered + Yellow/Green
> 5 (x)	Black numbered