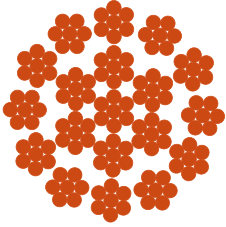


## Flexible cable conductors



### Areas of Application:

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Bare conductors  
flexible cables  
flexible strands  
Jumpers

### Design:

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bare, hard drawn, thermally treated

### Packing:

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in coils, on drums or spools of wood and steel

## Survey

nominal cross section mm <sup>2</sup>	calculated cross section mm <sup>2</sup>	number of wires	diameter wire mm	cable mm	weight kg/km	tensile strength single wires N/mm <sup>2</sup>	continuous current-carrying capacity A	
							0.6 m/s	1 m/s
16	16.3	49	0.65	5.9	152	< 300	135	155
25	26.1	133	0.50	7.5	246	< 300	180	205
35	37.6	133	0.60	9.0	353	< 300	225	255
50	51.2	133	0.70	10.5	482	< 300	280	310
70	72.7	189	0.70	13.0	685	< 300	340	370
95	99.7	259	0.70	14.7	935	< 300	420	460
120	118.5	336	0.67	16.4	1120	< 300	485	535
150	150.9	392	0.70	18.3	1420	< 300	570	625
185	185.1	525	0.67	20.4	1745	< 300	660	720
210	209.8	595	0.67	21.5	1980	< 300	720	780
240	245.2	367	0.70	23.1	2320	< 300	785	850
300	296.6	637	0.77	25.4	2800	< 300	895	970

Remarks: The outer layer has to be right handed (Z-rotation)

Reference values for continuous current load are valid up to 60 Hz at the given wind velocity and sun impact for a starting ambient temperature of 40 °C and a final temperature of the conductor of 80 °C.

Other constructions: e. g. international standards and customer specifications on request

