

## Silicone single & multicore cables

These charts relate to single and multicore cables with silicone insulation and silicone outer sheathing, such as SID, SIF, SIFF, SIF/GL, SIHF, SIHF/P & SIHF-CU-Si.

The figures shown are to be considered as guiding values only.

<b>Current Carrying Capacity in Ampere (Amps)</b> Based on an ambient temperature of 150°C						
Conductor Area (mm <sup>2</sup> )	One or more single core cables laid in ducts.		Multicore cables in open air or in ventilated ducts*		One or more single core cables in open air *	
	Power Capacity	Protective Fuse	Power Capacity	Protective Fuse	Power Capacity	Protective Fuse
0.25	2.8	-	-	-	5	-
0.50	6	-	7	-	10	-
0.75	9	6	12	6	15	10
1.0	12	10	15	10	19	20
1.5	16	16	18	16	24	25
2.5	21	20	26	25	32	35
4.0	28	25	34	35	42	50
6.0	36	35	44	50	54	63
10	49	40	61	63	73	80
16	65	63	82	80	98	100
25	85	83	108	100	129	125
35	105	100	135	-	158	160
50	140	125	168	-	198	200
70	175	160	207	-	245	250
95	210	200	250	-	292	300
120	250	250	292	-	344	335
150	-	-	335	-	391	-
185	-	-	382	-	448	-
240	-	-	453	-	528	-
300	-	-	523	-	608	-

\* with spacing at least equal to the overall diameter of the cable

<b>Conversion factors for deviating ambient air temperature</b>					
Temperature:	155°C	160°C	165°C	170°C	175°C
Factor:	91	82	71	58	41

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