

Conductor	CURRENT CARRYING CAPACITY AND ASSOCIATED VOLTAGE DROP OF CONDUCTORS							
C.S.A	60°C rubber isolated				90°C rubber insulated			
	1 two-core cable " or 2 single core cables touching		1 three-core four-core or five-core cable		1 two-core cable" or 2 single-core cables touching		1 three-core four-core or five-core cable	
mm ²	d.c. or single phase a.c.		three phase a.c.		d.c. or single phase a.c.		three phase a.c.	
	A	mV/A/m	A	mV/A/m	A	mV/A/m	A	mV/A/m
4	30	12	26	10	42	13.2	37	11
6	39	7.8	34	6.7	55	8.5	49	7.3
10	51	4.6	47	4.0	76	5.1	66	4.3
16	73	2.9	63	2.5	103	3.2	59	2.7
25	97	1.8d 1.85a	83	1.55	136	2.03d 2.04a	119	1.73
35	140	1.31d 1.32a	102	1.15	200	1.42d 1.46a	146	1.23
50	175	0.91d 0.93a	124	0.84	250	1.00d 1.02a	177	0.93
70	216	0.64d 0.67a	158	0.58	310	0.71d 0.73a	225	0.64
95	258	0.49d 0.53a	192	0.44	369	0.54d 0.57a	273	0.49
120	302	0.38d 0.43a	222	0.36	432	0.42d 0.46a	316	0.39
150	347	0.31d 0.36a	255	0.30	497	0.34d 0.39a	363	0.32
185	394	0.25d 32a	291	0.26	564	0.27d 0.33a	414	0.27
240	471	0.19d 0.27a	343	0.21	673	0.21d 0.28a	487	0.23
300	541	0.15d 0.24a	394	0.185	773	0.167d 0.25a	560	0.195
400	644	0.115d 0.21a	-	-	885	1.27d 0.22a	-	-
500	738	0.090d 0.20a	-	-	1017	0.100d 0.20a	-	-
630	861	0.68d 0.185a	-	-	1190	0.074d 0.190a	-	-