

Flat, crane & drum reeling cables

These charts relates in general terms to Flatform PVC, Flatform neoprene, Flatform CY PVC, Flatform CY neoprene, Lift 2S, Neopren CS and NSHtou cables.
 The figures shown are to be considered as guiding values only.
 In critical situations the DIN VDE 0298 part 4 recommendations should be considered.

Current Carrying Capacity in Ampere (Amps)			
Based on an operating conductor temperature of 70°C and an ambient air temperature of 30°C			
Conductor Area (mm ²)	single cable laid upon or on surface, with 2 or 3 loaded cores	Conductor Area (mm ²)	single cable laid upon or on surface, with 2 or 3 loaded cores
0.5	9	35.0	135
0.75	12	50.0	168
1.0	15	70.0	207
1.5	18	95.0	250
2.5	26	120.0	292
4.0	34	150.0	335
6.0	44	185.0	382
10.0	61	240.0	453
16.0	82	300.0	523
25.0	108		

Conversion factors for deviating ambient air temperatures							
Temperature	20°C	25°C	30°C	35°C	40°C	45°C	50°C
Factor	1.09	1.05	1.0	0.92	0.88	0.83	0.78

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