

## Texiline HF single core marine cables

These charts relate, in general terms, to the definitions in IEC 60092-201 – electrical installation on ships, single core panel wire, the figures shown are to be considered as guiding values only.

Current Carrying Capacity in Ampere (Amps)			
Based on continuous load at 45°C ambient temperature (90°C conductor) and laying of 6 cables maximum in horizontal arrangement, tightly packed with free air around the cable bundle.			
Area (mm <sup>2</sup> )	Rating (amps)	Area (mm <sup>2</sup> )	Rating (amps)
0.75	13	25	120
1.0	16	35	145
1.5	20	50	180
2.5	28	70	225
4.0	38	95	275
6.0	48	120	320
10	67	150	365
16	90	185	415

Conversion factors for deviating ambient air temperature						
Temperature:	50°C	55°C	60°C	65°C	70°C	75°C
Reduce by:	6%	13%	21%	29%	39%	50%

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