Cable Sizing Selection Chart

YOUR ENERG

Step 1. DC Amps	Locate the current flow in amps of your circuit along the top of the chart below.							
Step 2. Circuit Type	Select the correct circuit type. Examples of Non Critical circuit are general lighting, windlasses, bait pumps, general appliances. Examples of Critical circuits are panel main feeders, bilge blowers, electronics, navigation lights.							
Step 3. Cable Length	Find the correct cable length range. Please note that the cable length is total length of the positive and negative wires. I.E. Distance from battery to appliance multiplied by 2.							

NEEDS

Step 4. Correct Cable Size

DRIVING

Intersect the DC Amps with the cable length range to identity the correct coloured symbol.



Step 5. Cable Conversion Table

Match the correct coloured symbol from the previous step using the table below to find the cable size and specifications.

BLUE SE

IMPORTANT: Measurements of Diameter and Cross Section of cable does not include insulation. Cable lcons are for representational purposes only and are not to be taken as actual cable sizes.

Note: Sometimes gauges are expressed as follows (e.g. 4/0 is the same as 0000). AWG stands for American Wire Gauges.

Standard	Unit												
AWG	0000	000	00	0	1	2	4	6	8	10	12	14	16
Diameter (mm)	11.68	10.40	9.27	8.25	7.35	6.54	5.19	4.11	3.26	2.59	2.05	1.63	1.29
Cross Section (mm ²)	107.1	84.9	67.5	53.5	42.4	33.6	21.2	13.3	8.4	5.3	3.3	2.1	1.3
Colour Code								٨	٨	٢	۲	۲	۲

Copyright © Enerdrive Pty Ltd. Some data rights reserved to Blue Sea Systems