



Choosing Buswire



Layout category	Basic layout size Example	Minimum wire size	Ideal Wire size	Sq. mm (ideal wire size)	DCCconcepts Equivalent
Smallish	8'x 4' (1200 x 2400)	20 gauge	18 gauge	0.52 (0.82mm)	DCW-TW50-1.0mm
Medium	Small room size	18 gauge	16 gauge	0.82 (1.3mm)	DCW-TW50-1.5mm
Larger	Large Bedroom size	16 gauge	14 gauge	1.3 (2.08mm)	DCW-TW50-2.5mm
Very Large	Double Garage	14 gauge	12 gauge	2.08 (3.31mm)	DCW-TW50-3.5mm

These links take you to detailed advice on buswire – including “why” as well as “how?” !!

<https://www.dccconcepts.com/manual/dcc-advice-8-dcc-power-and-layout-wiring-part-1/>

<https://www.dccconcepts.com/manual/dcc-advice-9-dcc-power-and-layout-wiring-part-2/>

This is good general advice

https://www.dccconcepts.com/?s=wiring&post_type=manual&manual_type=advice%2Cvideos%2Creviews%2Cmanuals