

SUPPLY DESCRIPTION	FUSE
1 2M Repeater & AllStar Node	20A
2 APRS & Modem	20A
3 KIWI-SDR RX 5V Regulator	5A
4 Ubiquity Link Mast Head 12v supply	5A
5 NC	
6 NC	
7 NC	
8 Ethernet Swich 9V Regulator module	5A
9 NC	
10 NC	

STANDARDISATION NOTES

- Positive wires may be any obvious colour other than BLACK or GREEN. RED is preferred.
- Negative wires are to be BLACK or sleeved with BLACK heat shrink or similar.
- Fuses are Standard Blade Fuses (ATC/ATO)
  - 20A for high loads such as the repeater and APRS.
  - 5A for lower loads such as the Ethernet Switch and similar.
  - Warning: Many circuits are sub-fused.

SOLAR PANEL

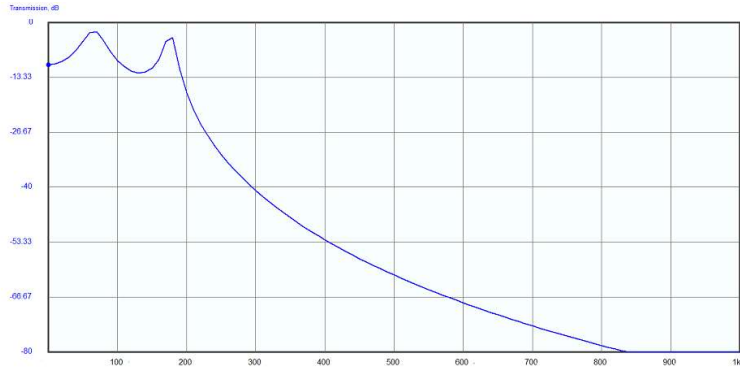
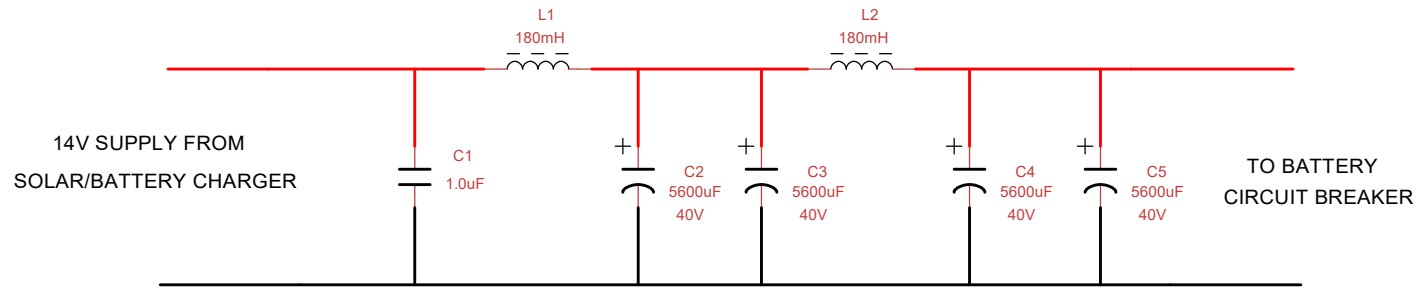
BATTERY

GENERAL SUPPLY  
MAX 30A

GENERAL SUPPLY  
MAX 30A

EXAMPLE SUPPLY

Title VK6RAV DC DISTRIBUTION PANEL		
Author PLM		
File IAM\HAM ... VK6RAV_PWR_DIST - 20241114.dsn	Document	
Revision 2.0	Date 02/04/2025	Sheets 1 of 1



Attenuation versus frequency modelled with Elsie filter design application.

#### STANDARDISATION NOTES

- Positive wires may be any obvious colour other than BLACK or GREEN. RED is preferred.
- Negative wires are to be BLACK or sleeved with BLACK heat sink or similar.

Title VK6RAV DC LOW PASS LINE FILTER		
Author PLM		
File IAM\HAM ... VK6RAV_PWR_DIST - 20241114.dsn		Document
Revision 1.0	Date 02/04/2025	Sheets 2