



This is the output connector.
 4 wires.
 1 - Power
 2 - Voltgae
 3 - Current
 4 - Ground
 This cable will have a grounded outer shield

Arduino shield added for later use

SHIELD1		AREF	AREF
		GND3	GND3
		13	13
		12	12
		11	11
		10	10
		9	9
		8	8
		7	7
		6	6
		5	5
		4	4
		3	3
		2	2
		1	1
		0	0
ARDUINO_SHIELD			
RST	RST		
3V3	3V3		
5V	5V		
GND1	GND1		
GND2	GND2		
V_IN	V_IN		
Voltage	AD0		
Current	AD1		
	AD2		
	AD3		
	AD4		
	AD5		