



Bill of Materials - MCE-Vicor-Winchester Cable (PN=002850)

Item	Qty	MCE#	Manufacturer	Part Number	Description
1	2	002351	Winchester	MRA-34SJTCH8	Female Power Connector
2	1	002350	Winchester	MRA-34PJTCH8	Male Power Connector
3	13m	001337	Belden	83010 010100	#16 Teflon Insulated Stranded Wire - Black
4	4m	001338	Belden	83010 002100	#16 Teflon Insulated Stranded Wire - Red
5	4m	001339	Belden	83010 004100	#16 Teflon Insulated Stranded Wire - Yellow
6	3m	001340	Belden	83010 005100	#16 Teflon Insulated Stranded Wire - Green
7	1m	001341	Belden	83010 006100	#16 Teflon Insulated Stranded Wire - Blue
8	1m	002447	Alpha Wire	F221B1/8 BK100	Heatsrink Tubing 1/8"
9	1m	002853	Alpha Wire	GRP-120-1/2	Expandable Steeving
10	1m	002854	Tech Flex	MBN1.00SV50	Shielding

Note 1: Several cables made before July 13, 2018 had all pins populated one to one with no twisted pairs.

Note 2: The Pin B solder cup has an extra approx. 5 inch long, 24 AWG black wire which is connected to the metal braid. The user must select if they want pin B to be attached to the metal braid on both sides of the cable or not.

Title MCE-Vicor Winchester Cable			University of British Columbia Physics & Astronomy Department MCE Project Lab 6224 Agricultural Road Vancouver BC V6T 1Z1 Canada		
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