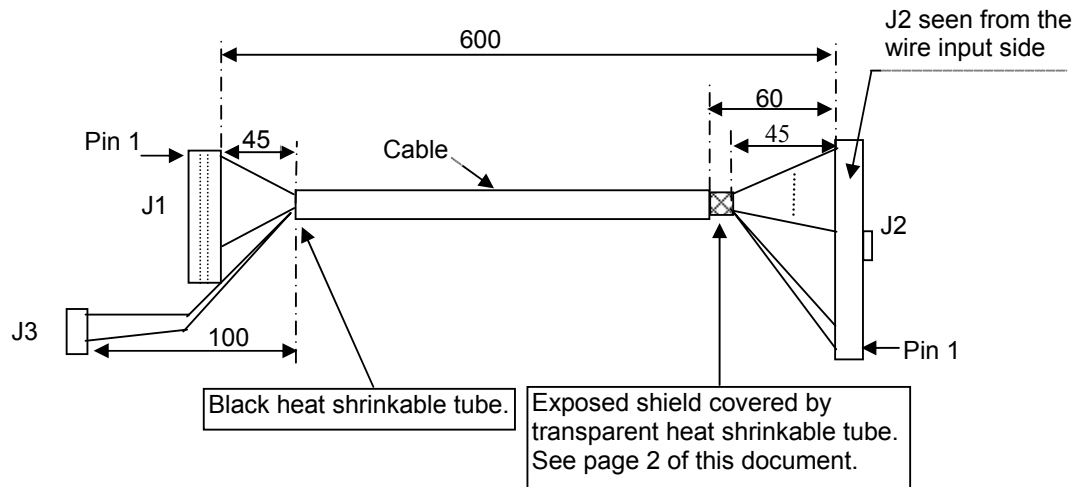




The 740513 cable kit is designed to interface the 34-pole connector available on the products: ADD-LVDS, ADD-LVDS-5P, ADD-LVDS-OEM and LVDSTX-JPLCD to the Hirose connector DF19-20S available on the display AUO B084SN03 V.2 (or similar) and the inverter QF38V6,68.



Part list:

Reference	Description
J1	HRS (Hirose) DF19-20S-1C + 12 pieces of crimp terminals for AWG28
J2	Molex 90142-0034 connector and 90119-2121 crimp terminals (34 pieces in total). *** All unused pin positions must have empty crimp terminals inserted ***
J3	Molex 87369-0500 + 5 pieces of crimp terminals for AWG28 (50212-8100) Alternative: JST PHR-5 + 5 pieces of crimp terminals for AWG28 (SPH-004T-P0.5S)
Cable	700 mm 3M 3644B/20 or similar cable having: UL CL2 approval, AWG28, balanced impedance of 100 ohm and a propagation delay < 6ns/m (10 twisted pairs)
Misc	15mm transparent Heat shrinkable tube. 20mm black Heat shrinkable tube for each ends of the cable.

Connection Table:

J1 (20-pole)		J2 (34-pole)		J3 (5-pole)		Remarks
Pin	Function	Pin	Function	Pin	Function	
1	VDD	34	LCDVCC	-	-	+3.3V (Pair no 5)
2	VDD	33	LCDVCC	-	-	+3.3V (Pair no 5)
3	GND	32	GND	-	-	(Pair no 6)
4	GND	31	GND	-	-	(Pair no 6)
5	RxIN0-	29	A0-	-	-	Pair no 1
6	RxIN0+	30	A0+	-	-	Pair no 1
7	-	-	-	-	-	Not connected
8	RxIN1-	27	A1-	-	-	Pair no 2
9	RxIN1+	28	A1+	-	-	Pair no 2
10	GND	20	GND	-	-	(Pair no 7)
11	RxIN2-	25	A2-	-	-	Pair no 3
12	RxIN2+	26	A2+	-	-	Pair no 3
13	GND	19	GND	-	-	(Pair no 7)
14	RxCLK-	23	CLK1-	-	-	Pair no 4
15	RxCLK+	24	CLK1+	-	-	Pair no 4
16-20	-	-	-	-	-	Not connected
-	-	2	+12V	1	DC Input Power	(12V) (Pair no 10) *
-	-	3	BKLGND	2	GND	(Pair no 9)
-	-	8	GND	3	Bright. Adj. 0 - 5V	Gnd => Max. (Pair no 8)
-	-	4	BKLGND	4	GND	(Pair no 9)
-	-	5	+5V	5	CCFL Drive Signal	(Active High) (Pair no 8)
-	-	1,6-7,9-18,21-22	-	-	-	USE EMPTY CRIMPS

- Only one of the wires in the Twisted Pair no. 10 is used.

