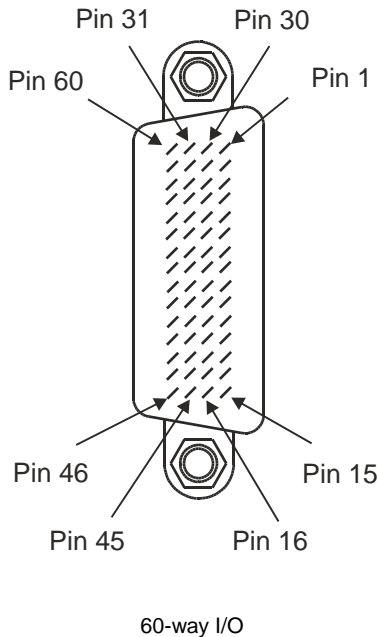


## 60-way High Density to DisplayPort, USB and RS232 splitter cable

### Key Features

CB 60D/124-00 connects to the 60-way high-density plug connector on the front panel of a range of Concurrent Technologies' processor boards to provide a high quality cable with standard connectors including:

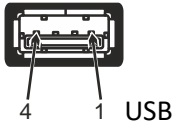
- 1 x DisplayPort® socket, 2 x USB sockets and 1 x serial plug
- Supports N, E, and K-Series extended operation temperatures, where:
  - N-Series: 0°C to +55°C
  - E-Series: -25°C to +70°C
  - K-Series: -40°C to +85°C
 Note: below -20°C cable will function electrically but will have limited flexibility.
- The cable is approximately 300mm long and is designed to meet the EMC requirements for:
  - radiated emissions (EN55022)
  - radiated immunity (EN61000-4-3)



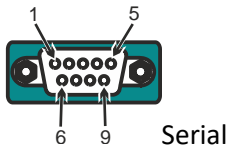
Part Number:  
Molex® (0709292000) or equivalent

Pin	Function	Pin	Function	Pin	Function	Pin	Function
60	GND	31	GND	30	GND	1	GND
59	nc	32	GND	29	GND	2	nc
58	Output Enable	33	GND	28	GND	3	nc
57	GND	34	GND	27	GND	4	GND
56	nc	35	GND	26	GND	5	nc
55	nc	36	GND	25	GND	6	GND
54	GND	37	GND	24	GND	7	GND
53	nc	38	DPD1 DVID cable detect	23	nc	8	DPD1 AUX GND
52	USB1 GND	39	Serial TxD	22	Serial RxD	9	DPD1 AUX+
51	USB1 +5V Power	40	DPD1 D2 GND	21	DPD1 D2-	10	DPD1 AUX-
50	Serial GND	41	DPD1 D3 GND	20	DPD1 D2+	11	DPD1 +3.3V
49	DPD1 HotPlugD	42	DPD1 D3-	19	DPD1 D1-	12	USB1 Data+
48	nc	43	DPD1 D3+	18	DPD1 D1+	13	USB1 Data-
47	USB2 +5V Power	44	DPD1 D1 GND	17	DPD1 D0-	14	USB2 Data+
46	USB2 GND	45	DPD1 D0 GND	16	DPD1 D0+	15	USB2 Data-

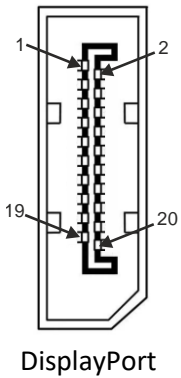
Notes: For correct operation with the processor board pin 58 (Output Enable) is connected to GND within the 60-way connector.  
nc = not connected



Pin	Function	Pin	Function	Pin	Function	Pin	Function
4	GND	3	Data+	2	Data-	1	+5V Power



Pin	Function	Pin	Function	Pin	Function	Pin	Function	Pin	Function
1	nc	2	RxD	3	TxD	4	nc	5	GND
6	nc	7	nc	8	nc	9	nc	-	-



Pin	Function	Pin	Function
1	DPD D0+	2	DPD D0 GND
3	DPD D0-	4	DPD D1+
5	DPD D1 GND	6	DPD D1-
7	DPD D2+	8	DPD D2 GND
9	DPD D2-	10	DPD D3+
11	DPD D3 GND	12	DPD D3-
13	DPD DVID cable detect	14	nc
15	DPD AUX+	16	DPD AUX GND
17	DPD AUX-	18	DPD HotPlugD
19	DPD AUX GND	20	DPD +3.3V

Notes: Each of the connector shells and cable screens are connected to the 60-way HD connector shell.  
nc = not connected



**Parhelia B.V.**  
www.parheliabv.com  
+31(0)10 741 00 28