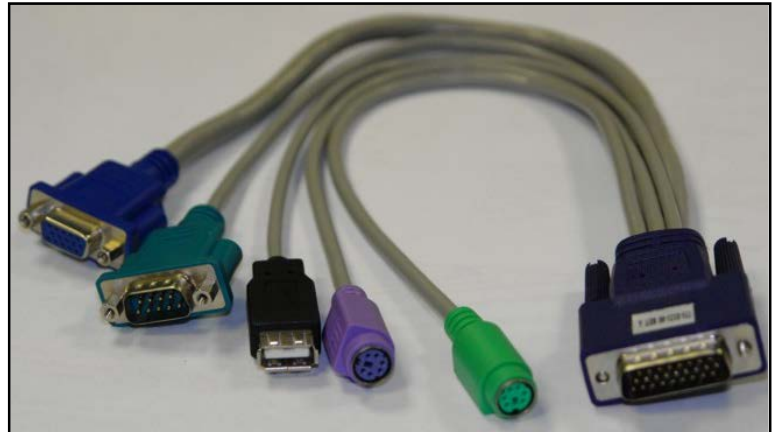


26-way High Density to VGA, RS232, USB, Keyboard and Mouse splitter cable



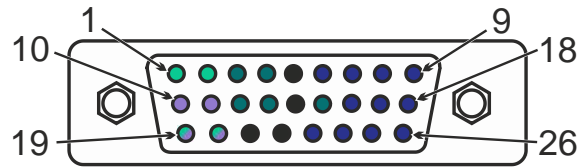
APPLICATIONS

The CB 26D/125-00 Concurrent Technologies five-way splitter cable provides a high quality screened interconnectivity solution for a range of single board computers. This cable allows interconnectivity between an onboard 26-way high density connector and VGA, serial, USB, keyboard and mouse connectors.

HIGHLIGHTS

- The five-way splitter I/O connectors consist of:
 - 26-way HD Male I/O
 - VGA (15-way Female HD D-Type)
 - Serial (9-way Male D-Type)
 - Keyboard (6-way Female mini-DIN)
 - Mouse (6-way Female mini-DIN)
 - USB (4-way type-A socket)
 - Length = 300mm (approx)
- 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
- The cable is designed to meet the EMC requirements for:
 - Radiated Emissions (EN55022)
 - Radiated Immunity (EN61000-4-3)

Cable Wiring Details



26-way HD Connector

Pin	Function	Pin	Function	Pin	Function	Pin	Function	Pin	Function	Pin	Function	Pin	Function	Pin	Function	Pin	Function
1	VGA Red	2	VGA Green	3	VGA Blue	4	VGA GND	5	USB GND	6	Serial CTS	7	Serial Rx/D	8	MSE Clock	9	MSE Data
10	VGA Red GND	11	VGA Green GND	12	VGA Blue GND	13	Serial GND	14	USB +5V Power	15	Serial RTS	16	Serial Tx/D	17	KBD Clock	18	KBD Data
19	VGA DDC Data	20	VGA HSync	21	VGA VSync	22	VGA DDC Clock	23	USB Data -	24	USB Data +	25	KBD/MSE GND	26	KBD/MSE +5V Power	-	-



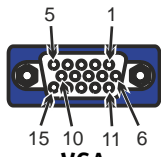
USB

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



Serial

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



VGA

Pin	Function	Pin	Function	Pin	Function	Pin	Function	Pin	Function
5	GND	4	nc	3	Blue	2	Green	1	Red
10	GND	9	nc	8	Blue GND	7	Green GND	6	Red GND
15	DDC Clock	14	VSync	13	HSync	12	DDC Data	11	nc



Mouse

Pin	Function	Pin	Function	Pin	Function	Pin	Function	Pin	Function		
6	GND	5	Clock	4	+5V Power	3	GND	2	nc	1	Data



Keyboard

Pin	Function	Pin	Function	Pin	Function	Pin	Function	Pin	Function		
6	GND	5	Clock	4	+5V Power	3	GND	2	nc	1	Data

Note: Each of the connector shells and cable screens are connected to the 26-way HD connector shell.

nc = not connected

ORDERING INFORMATION

Order Number:
CB 26D/125-00

Product Description
26-way High Density to VGA, RS232, USB , keyboard and mouse splitter cable

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Specification subject to change; E and OE. RoHS 2002/95/EC compliant.

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