

High Density 26-way splitter cable to VGA, RS232 and 3 x USB



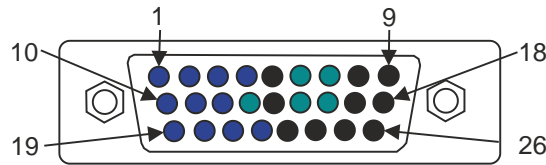
HIGHLIGHTS

The CB 26D/145-00 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 to a VGA, serial and three USB connectors.

FEATURES

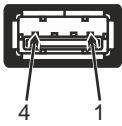
- The five-way splitter I/O connectors consist of:
 - 26-way HD Male I/O
 - VGA (15-way Female HD D-Type)
 - Serial (9-way Male D-Type)
 - 1st USB (4-way type-A socket)
 - 2nd USB (4-way type-A socket)
 - 3rd USB (4-way type-A socket)
 - Length = 300mm (approx)
- Supports N, E, and K-Series extended 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



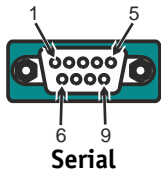
26-way HD Connector

Pin	Function	Pin	Function	Pin	Function	Pin	Function	Pin	Function	Pin	Function	Pin	Function	Pin	Function		
1	VGA Red	2	VGA Green	3	VGA Blue	4	VGA GND	5	USB 0 GND	6	Serial CTS	7	Serial RxD	8	USB 2 Data -	9	USB 2 Data +
10	VGA Red GND	11	VGA Green GND	12	VGA Blue GND	13	Serial GND	14	USB 0 Power	15	Serial RTS	16	Serial TxD	17	USB 1 Data -	18	USB 1 Data +
19	VGA DDC Data	20	VGA HYNOSC	21	VGA VSYNC	22	VGA DDC Clock	23	USB 0 Data -	24	USB 0 Data +	25	USB 1/2 GND	26	USB 1/2 Power		



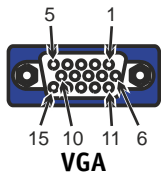
USB

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

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/145-00

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