

CBL-1023-00

ALPHABOX CABLE SET FOR M3: 2X USB, 1X GIGABIT ETHERNET AND 1X VGA

Overview

The CBL-1023-00 Cable Kit is designed to allow users of the Alphabox Family of systems to rapidly start developing and testing software. All Cables and Connectors used are fully RoHS compliant.

Note: Users should refer to the relevant Alphabox User documentation before attempting to use the system, this documentation is available for download from the Eurotech website in the DownLoad Area.

Cable Description



Connector Details

Name	Use	Type
Cn1	To Alphabox M3	Male 28-Pin, AMP, Size 17 CPC
Cn2	Gigabit Ethernet	Female (Male without adaptor) CAT6 RJ45
Cn3	USB 2.0	Female Type "A"
Cn4	VGA	Female DB15
Cn5	USB 2.0	Female Type "A"

- Cable lengths: 40cm +/- 10%

Connector Pinouts

From M1 Pin #	To Conn.	Pin #	Use
1	Cn2	White / Orange	MX+1
2	Cn2	Orange	MX-1
3	Cn2	White / Green	MX+2
4	Cn2	White / Brown	MX+4
5	Cn2	Brown	MX-4
6	Cn2	Blue	MX+3
7	Cn2	White / Blue	MX-3
8	Cn2	Green	MX-2
9	Not Connected		
10	Not Connected		
11	Cn5	2	USB 2 Data -
12	Cn5	3	USB 2 Data +
13	Cn3	1	USB 1 Vdd
14	Cn5	1	USB 2 Vdd

From M1 Pin #	To Conn.	Pin #	Use
15	Cn3	2	USB 1 Data -
16	Cn3	3	USB 1 Data +
17	Cn3	4	USB 1 Ground
18	Cn5	4	USB 2 Ground
19	Cn4	3	Blue
20	Cn4	2	Green
21	Cn4	1	Red
22	Cn4	4, 7 & 8	AV Ground
23	Cn4	5	Ground
24	Cn4	10	Ground
25	Cn4	13	Horizontal Sync
26	Cn4	15	DDC SCK
27	Cn4	14	Vertical Sync
28	Cn4	12	DDC SDA

Related Part Numbers

Cables

CBL-1020-00: Alphabox Cable Set for M1: Power, Switch, 1x Ethernet and 1x Digital IO

CBL-1021-00: Alphabox Cable Set for M2: 2x USB, 2x COM and 3x AUDIO

CBL-1022-00: Alphabox Cable Set for M2: 4x COM

CBL-1023-00: Alphabox Cable Set for M3: 2x USB, 1x Gigabit Ethernet and 1x VGA

CBL-1024-00: Alphabox Cable Set for M3: 4x Ethernet

CBL-1025-00: Alphabox Cable Set for M3: 2x USB

CBL-1026-00: Alphabox Cable Set for M3: 1x Gigabit Ethernet

CBL-1027-00: Alphabox Cable Set for M4: 8x COM, 1x CAN and 1x VGA

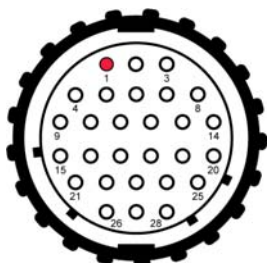
Antennas

ACS-9110-00: GSM Tri-Band Antenna Kit

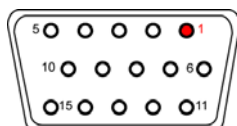
ACS-9111-00: Magnetic Mount GPS Antenna Kit

ACS-9112-00: Wi-Fi Antenna Kit

Connector Pin Numbering



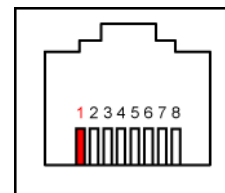
Male 28-Pin CPC



Female D-Sub 15



Female USB Type "A"



Female RJ45 CAT 6