TECHNICAL DATASHEET

CBL-1024-00

ALPHABOX CABLE SET FOR M3: 4X ETHERNET

Overview

The CBL-1024-00 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	CON2	Female (Male without adaptor) RJ45
Cn3	CON3	Female (Male without adaptor) RJ45
Cn4	CON4	Female (Male without adaptor) RJ45
Cn5	CON5	Female (Male without adaptor) RJ45

▪ Cable lengths: 40cm +/- 10%

Connector Pinouts

From M1 Pin #	To Conn.	Pin #	Use	From M1 Pin #	To Conn.	Pin #	Use
1	Cn2	1	Transmit 1 +	15	Cn5	1	Transmit 4 +
2	Cn2	2	Transmit 1 -	16	Cn5	2	Transmit 4 -
3	Not Connected			17	Cn5	3	Receive 4+
4	Cn2	3	Receive 1+	18	Cn5	6	Receive 4 -
5	Cn2	6	Receive 1-	19	Not Connected		
6	Not Connected			20	Not Connected		
7	Cn3	1	Transmit 2+	21	Not Connected		
8	Cn3	2	Transmit 2 -	22	Not Connected		
9	Cn3	3	Receive 2+	23	Not Connected		
10	Cn3	6	Receive 2 -	24	Not Connected		
11	Cn4	1	Transmit 3 +	25	Not Connected		
12	Cn4	2	Transmit 3 -	26	Not Connected		
13	Cn4	3	Receive 3+	27	Not Connected		
14	Cn4	6	Receive 3 -	28	Not Connected		

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: 1x 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: 1x 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
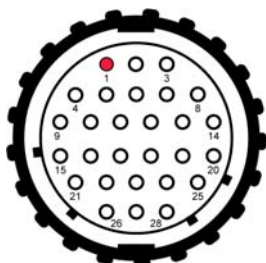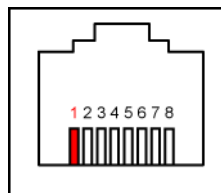
ACS-9110-00: GSM Tri-Band Antenna Kit
ACS-9111-00: Magnetic Mount GPS Antenna Kit
ACS-9112-00: Wi-Fi Antenna Kit

Connector Pin Numbering

Male 28-Pin CPC   Female RJ45