

C-more Micro-Graphic PLC Communication Cables and Cable Kits

Cable Description	Cable Part Number	Price
Cables for direct connect to panel's serial port 1 (Panel powered from PLC's serial port.)		
DirectLOGIC PLC RJ-12 port, DL05, DL06, DL105, DL205, D3-350, D4-450 & H2-WinPLC (RS-232C).	DV-1000CBL	<--->
DirectLOGIC DL405 PLC 15-pin D-sub port, DL405 (RS-232C).	D4-1000CBL	<--->
DirectLOGIC (VGA Style) 15-pin port, DL06, D2-250 (250-1), D2-260 (RS-232C). Use with DV-1000CBL cable.	FA-15HD	<--->
DirectLOGIC PLC 15-pin D-sub port, DL405 (RS-232C). Use with DV-1000CBL cable.	FA-CABKIT	<--->
Cables for direct connect to panel's serial port 1 (Panel powered from either optional DC Power Adapter, EA-MG-P1, or Serial Port w/ DC Power Adapter, EA-MG-SP1.)		
DirectLOGIC PLC RJ-11 port, D3-340 (RS-232C).	OP-3CBL-1	<--->
Cables used with optional serial port 2 (Panel powered from optional Serial Port w/ DC Power Adapter, EA-MG-SP1.)		
DirectLOGIC PLC RJ-12 port, DL05, DL06, DL105, DL205, D3-350, D4-450 & H2-WinPLC (RS-232C).	EA-2CBL	<--->
DirectLOGIC (VGA Style) 15-pin port, DL06, D2-250 (250-1), D2-260 (RS-232C).	EA-2CBL-1	<--->
DirectLOGIC PLC RJ-11 port, D3-340 (RS-232C).	EA-3CBL	<--->
DirectLOGIC DL405 PLC 15-pin D-sub port, DL405 (RS-232C).	EA-4CBL-1	<--->
DirectLOGIC PLC 25-pin D-sub port, DL405, D3-350, DL305 DCU and all DCM's (RS-232C).	EA-4CBL-2	<--->
Allen-Bradley MicroLogix 1000, 1100, 1200 & 1500 (RS-232C)	EA-MLOGIX-CBL	<--->
Allen-Bradley SLC 5-03/04/05, ControlLogix, CompactLogix, FlexLogix DF1 port (RS-232C)	EA-SLC-232-CBL	<--->
Allen-Bradley PLC-5 DF1 port (RS-232C)	EA-PLC5-232-CBL	<--->
GE 90/30 and 90/70 15-pin D-sub port (RS-422A)	EA-90-30-CBL	<--->
MITSUBISHI FX Series 25-pin port (RS-422A)	EA-MITSU-CBL	<--->
MITSUBISHI FX Series 8-pin mini-DIN (RS-422A)	EA-MITSU-CBL-1	<--->
OMRON Host Link C200 Adapter, C500 (RS-232C)	EA-OMRON-CBL	<--->



Part No. DV-1000CBL



Part No. D4-1000CBL



Part No. OP-3CBL-1



Part No. FA-15HD



Part No. FA-CABKIT



Part No. EA-2CBL



Part No. EA-2CBL-1



Part No. EA-3CBL



Part No. EA-4CBL-1



Part No. EA-4CBL-2



Part No. EA-MLOGIX-CBL



Part No. EA-SLC-232-CBL



Part No. EA-PLC5-232-CBL



Part No. EA-MITSU-CBL



Part No. EA-OMRON-CBL



Part No. EA-90-30-CBL



Part No. EA-MITSU-CBL-1

C-more PLC Communication Protocols & Cables

PLC Compatibility Table				
PLC Family	Model	Protocols		
Allen-Bradley	MicroLogix 1000/1100/1200/1500, SLC 5-01/02/03, PLC5	DH485/AIC/AIC+		
	MicroLogix 1000, 1100, 1200 and 1500	DF1 Half Duplex; DF1 Full Duplex		
	SLC 5-03/04/05	DF1 Half Duplex; DF1 Full Duplex		
	ControlLogix™, CompactLogix™, FlexLogix™	DF1 Half Duplex; DF1 Full Duplex		
	PLC-5	DF1 Full Duplex		
	ControlLogix, CompactLogix, FlexLogix - Tag Based	DF1 Half Duplex; DF1 Full Duplex		
	ControlLogix, CompactLogix, FlexLogix - Generic I/O Messaging	EtherNet/IP Server		
	ControlLogix, CompactLogix, FlexLogix - Tag Based	EtherNet/IP Client		
	MicroLogix 1100 & SLC 5/05, both via native Ethernet port	EtherNet/IP Client		
	MicroLogix 1000, 1100, 1200, 1500 & SLC 5-03/04/05, all via ENI Adapter	EtherNet/IP Client		
Modbus TCP/IP	Modbus TCP/IP devices	Modbus TCP/IP		
GE Fanuc	90/30 and 90/70	SNPX		
Mitsubishi	FX Series	FX Direct		
Omron	C200 Adapter, C500	Host Link		
	CJ1/CS1 Serial	FINS		
Modicon	984 CPU, Quantum 113 CPU, AEG Modicon Micro Series 110 CPU: 311-xx, 411-xx, 512-xx, 612-xx	Modbus RTU		
DirectLOGIC	DL05/DL06	all	K-Sequence DirectNET Modbus (Koyo addressing)	
		H0-ECOM/H0-ECOM100	DirectLOGIC Ethernet	
	DL105	all	K-Sequence	
		D2-230	K-Sequence	
	DL205	D2-240	K-Sequence DirectNET	
		D2-250/D2-250-1/D2-260	K-Sequence DirectNET Modbus (Koyo addressing)	
			D2-240/D2-250-1/D2-260 Using DCM	DirectNET Modbus (Koyo addressing)
		H2-ECOM/H2-ECOM100	DirectLOGIC Ethernet	
		DL305	D3-330/330P (Requires the use of a Data Communications Unit)	DirectNET
			D3-340	DirectNET
			D3-350	K-Sequence DirectNET Modbus (Koyo addressing)
				D3-350 DCM
	DL405		D4-430	K-Sequence DirectNET
		D4-440	K-Sequence DirectNET	
		D4-450	K-Sequence DirectNET Modbus (Koyo addressing)	
			All with DCM	DirectNET Modbus (Koyo addressing)
		H4-ECOM/H4-ECOM100	DirectLOGIC Ethernet	
		H2-WinPLC (Think & Do) Live V5.2 or later and Studio any version		Think & Do Modbus RTU (serial port)
		H2-WinPLC (Think & Do) Live V5.5.1 or later and Studio V7.2.1 or later		Think & Do Modbus TCP/IP (Ethernet port)

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Direct LOGIC (VGA Style) 15-pin port, DL06, D2-250 (250-1), D2-260 (RS-232C)	EA-2CBL-1	<--->
Direct LOGIC PLC RJ-11 port, D3-340 (RS-232C)	EA-3CBL	<--->
Direct LOGIC DL405 PLC 15-pin D-sub port, DL405 (RS-232C)	EA-4CBL-1	<--->
Direct LOGIC PLC 25-pin D-sub port, DL405, D3-350, DL305, DCU and all DCMs (RS-232C)	EA-4CBL-2	<--->
Allen-Bradley MicroLogix 1000, 1100, 1200 & 1500 (RS-232C)	EA-MLOGIX-CBL	<--->
Allen-Bradley SLC 5-03/04/05 ControlLogix, CompactLogix, FlexLogix, DF1 port (RS-232C)	EA-SLC-232-CBL	<--->
Allen-Bradley PLC-5 DF1 port (RS-232C)	EA-PLC5-232-CBL	<--->
Allen-Bradley SLC 500 DH485 port (RS-485A)	EA-DH485-CBL	<--->
GE Fanuc 90/30 and 90/70 15-pin D-sub port (RS-422A)	EA-90-30-CBL	<--->
MITSUBISHI FX Series 25-pin port (RS-422A)	EA-MITSU-CBL	<--->
MITSUBISHI FX Series 8-pin mini-DIN (RS-422A)	EA-MITSU-CBL-1	<--->
OMRON Host Link C200 Adapter, C500 (RS-232C)	EA-OMRON-CBL	<--->



NOTE: EZTouch serial PLC communication cables are compatible with C-more touch panels.

EA-2CBL



EA-2CBL-1



- PLC Overview
- DL05/06 PLC
- DL105 PLC
- DL205 PLC
- DL305 PLC
- DL405 PLC
- Field I/O
- Software
- C-more HMIs**
- Other HMI
- AC Drives
- Motors
- Steppers/Servos
- Motor Controls
- Proximity Sensors
- Photo Sensors
- Limit Switches
- Encoders
- Current Sensors
- Pushbuttons/Lights
- Process
- Relays/Timers
- Comm.
- TB's & Wiring
- Power
- Circuit Protection
- Enclosures
- Appendix
- Part Index

C-more Computer Programming Connections

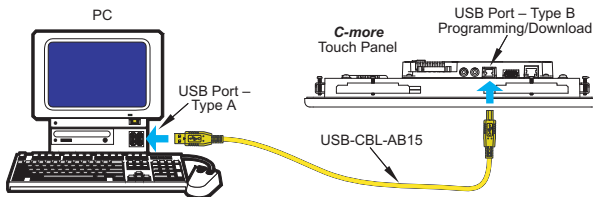
Using the **C-more** Programming Software for project development, the touch panel can be connected to a PC (personal computer) in one of several ways:

- Connect a USB Programming Cable (USB-CBL-AB15) from a USB port type A on the PC to the USB type B programming port on the C-more touch panel. The USB connection is for direct connection only and does not support USB hubs.
- Connect the **C-more** touch panel to a PC via an Ethernet hub or switch, and CAT5 Ethernet cables (full feature panels only). Multiple panels can be programmed in this configuration.
- Use an Ethernet crossover cable directly between the **C-more** touch panel's Ethernet port and the PC Ethernet port (full feature panels only).

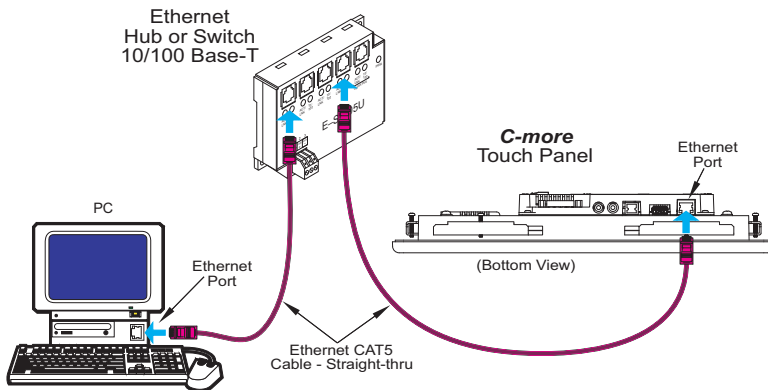
Following are the minimum system requirements for running **C-more** Programming Software, p/n EA-PGMSW, on a PC:

- Personal Computer with a 333 MHz or higher processor (CPU) clock speed recommended; Intel®Pentium/Celeron family, or AMD®K6/Athlon/Duron family, or compatible processor recommended
- Keyboard and Mouse or compatible pointing device
- Super VGA color video adapter and monitor with at least 800 x 600 pixels resolution (1024 x 768 pixels recommended) 64K color minimum
- 300 MB free hard-disk space
- 128 MB free RAM (512 MB recommended)
- CD-ROM or DVD drive for installing software from the CD
- USB port or Ethernet 10/100 Mbps port for project transfer from software to touch panel (Ethernet port not available on -R models)
- Operating System - Windows®XP Home / Professional Edition Service Pack 2 or Windows® 2000 with Service Pack 4

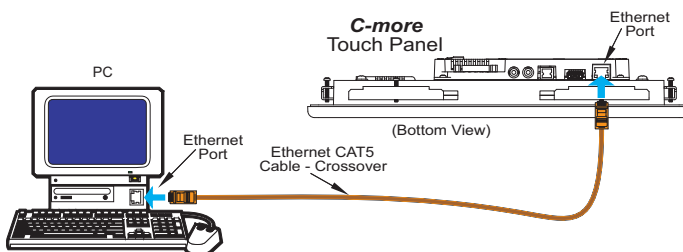
USB Connectivity



Ethernet Connectivity via a Hub or Switch



Ethernet Direct Connection



USB Programming Cable



Part No. USB-CBL-AB15

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Other lengths available see USB-CBL-AB3, USB-CBL-AB6, USB-CBL-AB10 on page 9-27

Ethernet Switch (switching hub)



Part No. E-SW05U

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Ethernet Configuration Kit



Part No. RT-CNFGKIT

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The Ethernet Configuration Kit includes a five-port 10/100 Base-T Ethernet switch, four straight-through cables, and one crossover cable. (The cables are at least five feet in length.) The kit provides a great convenience for configuring systems, demonstration systems or basic control projects using Ethernet.