

C-more Micro 3-inch EA1 Communication Cables and Cable Kits

| Cable Description | Cable Part Number | Price |
|--|-----------------------------------|-----------|
| Cables for direct connect to panel's serial Port1 (Panel powered from PLC's serial port.) | | |
| AutomationDirect communication cable, 6-pin RJ12 to 6-pin RJ12, 2m/6.6ft cable length. For use with DV-1000 or C-more Micro panels and AutomationDirect PLCs with an RJ12 port. | <u>DV-1000CBL</u> | \$--04lj: |
| AutomationDirect communication cable, 6-pin RJ12 to 15-pin male D-sub, shielded, 2m/6.6ft cable length. For use with DV-1000 or C-more Micro panels and any DL405 CPU. | <u>D4-1000CBL</u> | \$--04li: |
| Direct LOGIC DL06 connector, 15-pin D-sub HD15 male to RJ12 female. For use with DL06 CPUs and DL205 D2-250, D2-250-1, D2-260 and D2-262 CPUs. | <u>FA-15HD</u> | \$;08zf: |
| Direct LOGIC universal cable kit, for use with all DirectLOGIC PLCs with RS-232 ports. | <u>FA-CABKIT</u> | \$08za: |



[DV-1000CBL](#)



[D4-1000CBL](#)



[FA-15HD](#)



[FA-CABKIT](#)

C-more Micro 3-inch EA1 Communication Protocols & Cabling Chart

| Controller Compatibility & Connection Chart | | | | |
|---|--------------|--|---|-----------------------------------|
| PLC | | | C-more 3-inch Micro Panel. | |
| Family | CPU | Port & Type | Panel to PLC Cabling Components Required for Specific Port and Protocol being used. | |
| | | | PLC Port Powered Powered with 5 VDC from the connected PLC's comm. port. | |
| | | | Using panel's RJ12 port 1 | |
| | | | Protocol(s) Supported | Components & Network Type |
| CLICK | all versions | Port 1 RJ12 - 6 pin | AutomationDirect Modbus (CLICK) | DV-1000CBL RS-232 |
| | | Port 2 RJ12 - 6 pin | | |
| | Analog CPU's | Port 3 Terminal block - 3-pin | | N/A |
| Productivity Series | all versions | RS-232 RJ12 - 6 pin | AutomationDirect Productivity Serial | DV-1000CBL RS-232 |
| | | RS-485 Port Term block 3-pin | | N/A |
| Do-more | all versions | Port 2 RJ12 - 6 pin | AutomationDirect Do-more Serial | DV-1000CBL RS-232 |
| BRX | all versions | RS-232 POM module BX-P-SER2-RJ12 | AutomationDirect Do-more Serial | DV-1000CBL RS-232 |
| | | RS-485 Port Term block 3-pin | | N/A |
| DirectLOGIC DL05 (see D0-DCM under DL06) | all versions | Port 1 RJ12 - 6 pin | K-sequence, DirectNET, Modbus RTU | DV-1000CBL RS-232 |
| | | Port 2 RJ12 - 6 pin | | |
| DirectLOGIC DL06 | all versions | Port 1 RJ12 - 6 pin | K-sequence, DirectNET, Modbus RTU | DV-1000CBL RS-232 |
| | | Port 2 DB15HD (female) | | DV-1000CBL + FA-15HD RS-232 |
| | D0-DCM | Port 1 RJ12 - 6 pin | K-sequence, DirectNET, Modbus RTU | DV-1000CBL RS-232 |
| | | Port 2 DB15HD (female) | | DV-1000CBL + FA-15HD RS-232 |
| DirectLOGIC DL105 | all versions | Port 1 RJ12 - 6 pin | K-sequence | DV-1000CBL RS-232 |

Note: See the C-more Micro Hardware User Manual, Chapter 6: PLC Communications, for wiring diagrams that the user can use to construct their own cables. Available for download at www.automationdirect.com. PLC Compatibility & Connection Chart continued on next page.

C-more Micro 3-inch EA1 Communication Protocols & Cabling Chart (cont'd)

| Controller Compatibility & Connection Chart | | | | |
|---|-----------------------|-------------------------------------|---|-----------------------------------|
| PLC | | | C-more 3-inch Micro Panel. | |
| Family | CPU | Port & Type | Panel to PLC Cabling Components Required for Specific Port and Protocol being used. | |
| | | | PLC Port Powered Powered with 5 VDC from the connected PLC's comm. port. | |
| | | | Using panel's RJ12 port 1 | |
| | | | Protocol(s) Supported | Components & Network Type |
| DirectLOGIC DL205 | D2-230 | Port 1 RJ12 - 6 pin | K-sequence | DV-1000CBL RS-232 |
| | D2-240 | Port 1 RJ12 - 6 pin | K-sequence | DV-1000CBL RS-232 |
| | | Port 2 RJ12 - 6 pin | K-sequence, DirectNET | |
| | D2-250-1 | Port 1 RJ12 - 6 pin | K-sequence, DirectNET, Modbus RTU | DV-1000CBL RS-232 |
| | | Port 2 DB15HD (female) | | DV-1000CBL + FA-15HD RS-232 |
| | D2-260 | Port 1 RJ12 - 6 pin | K-sequence, DirectNET, Modbus RTU | DV-1000CBL RS-232 |
| | | Port 2 DB15HD (female) | | DV-1000CBL + FA-15HD RS-232 |
| | D2-DCM | Port 1 DB 25 pin (female) | K-sequence, DirectNET, Modbus RTU | See Note RS-232 |
| | WINPLC | Port 1 RJ12 - 6 pin | Modbus RTU | DV-1000CBL RS-232 |
| DirectLOGIC DL305 | D3-330 or D3-340 | D3-232-DCU DB 25 pin (female) | N/A | |
| | | D3-422-DCU DB 25 pin (female) | N/A | |
| | D3-340 | Port 1 RJ11 - 4 pin | N/A | |
| | | Port 2 RJ11 - 4 pin | N/A | |
| | D3-350 | Port 1 RJ12 - 6 pin | K-sequence, DirectNET | DV-1000CBL RS-232 |
| | | Port 2 DB 25 pin (female) | N/A | |
| | D3-DCM D3-350 only | Port 1 DB 25 pin (female) | K-sequence, DirectNET, Modbus RTU | See Note RS-232 |
| Note: See the C-more Micro Hardware User Manual, Chapter 6: PLC Communications, for wiring diagrams that the user can use to construct their own cables. Available for download at www.automationdirect.com . PLC Compatibility & Connection Chart continued on next page. | | | | |

C-more Micro 3-inch EA1 Communication Protocols & Cabling Chart (cont'd)

| Controller Compatibility & Connection Chart | | | | |
|---|-----------------|------------------------------|---|---|
| PLC | | | C-more 3-inch Micro Panel. | |
| Family | CPU | Port & Type | Panel to PLC Cabling Components Required for Specific Port and Protocol being used. | |
| | | | PLC Port Powered Powered with 5 VDC from the connected PLC's comm. port. | |
| | | | Using panel's RJ12 port 1 | |
| | | | Protocol(s) Supported | Components & Network Type |
| DirectLOGIC DL405 | D4-430 | Port 0 DB 15 pin (female) | K-sequence | D4-1000CBL or DV-1000CBL & FA-CABKIT RS-232 |
| | | Port 1 DB 25 pin (female) | N/A | |
| | D4-440 | Port 0 DB 15 pin (female) | K-sequence | D4-1000CBL or DV-1000CBL & FA-CABKIT RS-232 |
| | | Port 1 DB 25 pin (female) | N/A | |
| | D4-450 / D4-454 | Port 0 DB 15 pin (female) | K-sequence | D4-1000CBL or DV-1000CBL & FA-CABKIT RS-232 |
| | | Port 1 DB 25 pin (female) | N/A | |
| | | Port 2 RJ12 - 6 pin | K-sequence, DirectNET | DV-1000CBL RS-232 |
| | | Port 3 DB 25 pin (female) | N/A | |
| | | Port 1 DB 25 pin (female) | K-sequence, DirectNET , Modbus RTU | See Note RS-232 |
| | D4-DCM | Port 1 DB 25 pin (female) | | |
| SOLO | N/A | Data +/- terminals | N/A | |
| GS Drives | N/A | RS-485 Interface | N/A | |

Note: See the C-more Micro Hardware User Manual, Chapter 6: PLC Communications, for wiring diagrams that the user can use to construct their own cables. Available for download at www.automationdirect.com. PLC Compatibility & Connection Chart continued on next page.

C-more Micro 3-inch EA1 Communication Protocols & Cabling Chart (cont'd)

| Controller Compatibility & Connection Chart | | | | |
|---|--|--------------------------|---|---------------------------|
| PLC | | | C-more 3-inch Micro Panel. | |
| Family | CPU | Port & Type | Panel to PLC Cabling Components Required for Specific Port and Protocol being used. | |
| | | | PLC Port Powered Powered with 5 VDC from the connected PLC's comm. port. | |
| | | | Using panel's RJ12 port 1 | |
| | | | Protocol(s) Supported | Components & Network Type |
| Allen-Bradley MicroLogix | 1000, 1100, 1200, 1400, 1500 | 8-pin mini-din port | N/A | |
| | | RJ45 8-pin phone plug | | |
| Allen-Bradley SLC500 | 5/03, 5/04, 5/05 | 9-pin D-sub port | | |
| | 5/01, 5/02, 5/03 | RJ45 8-pin phone plug | | |
| Allen-Bradley ControlLogix | all | 9-pin D-sub port | | |
| Allen-Bradley CompactLogix | all | 9-pin D-sub port | | |
| Allen-Bradley FlexLogix | all | 9-pin D-sub port | | |
| Allen-Bradley PLC5 | all | 25-pin D-sub port | | |
| | | RJ45 8-pin phone plug | | |
| GE | 90/30 | 15-pin D-sub port | | |
| | Micro 90, VersaMax Micro | RJ45 Port 1 | | |
| | | 15-pin D-sub port Port 2 | | |
| Mitsubishi | Melsec FX Series | 25-pin D-sub port | | |
| | | 8-pin mini-din port | | |
| | Q / QnA | 9-pin D-sub port | | |
| | | 6-pin mini-din port | | |
| Omron | C200 (Adapter), C500 | 25-pin D-sub port | | |
| | CJ1, CS1, CQM1, CPM1, CPM2, C200 | 9-pin D-sub port | | |
| Modicon | 984 CPU, Quantum 113 CPU, AEG Modicon Micro Series 110 CPU | varies | | |
| Siemens | S7-200 CPU | 9-pin D-sub port 0 or 1 | | |

Note: See the C-more Micro Hardware User Manual, Chapter 6: PLC Communications, for wiring diagrams that the user can use to construct their own cables. Available for download at www.automationdirect.com. Available cables with descriptions shown on the next page.

C-more Micro 3-inch EA1 PLC Connections

Cabling requirements

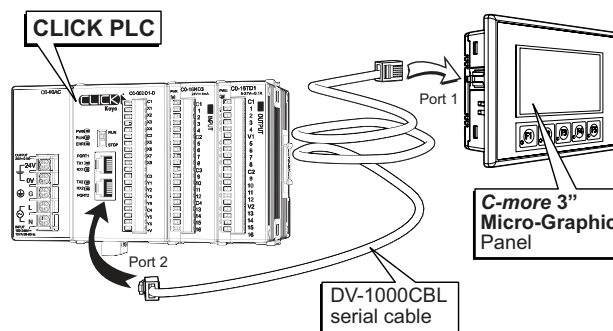
The following cables can be used when connecting the **C-more** 3-inch Micro panel's built-in RJ12 serial port (Port1) with the Productivity Series, Do-more/BRX*, CLICK, DL05, DL06, DL105, DL205, D3-350 and DL405 CPUs.

- **DV-1000CBL** — connects to Productivity Series, Do-more/BRX* CLICK, DL05, DL06, DL105, DL205, D3-350 and D4-450 phone jack.
- **D4-1000CBL** — connects to all DL405 CPU 15-pin ports.

A maximum cable length of 10 feet between the **C-more** Micro panel and the PLC is recommended when powering the panel from the PLC.

See the Communication Protocols & Cabling Charts in this catalog section for details on the selection of various controllers, protocols, and connectivity.

C-more 3-inch Micro Port 1 to CLICK PLC Port 2

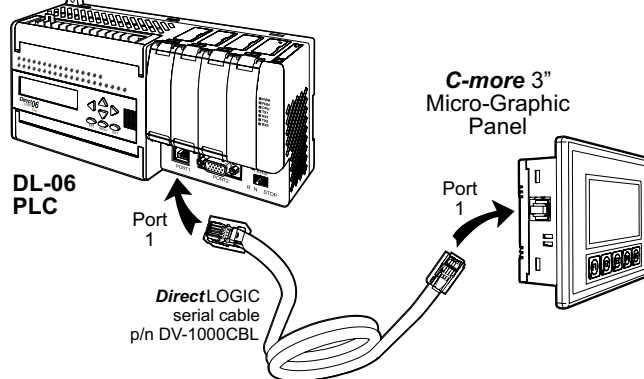


Drivers for your Controller

- AutomationDirect Productivity Series
- AutomationDirect Do-more/BRX*
- AutomationDirect CLICK (Modbus)
- **Direct**LOGIC K-sequence, **Direct**LOGIC **Direct**NET, **Direct**LOGIC Modbus (Koyo Addressing)
- Modbus RTU
- Allen Bradley DF1 Full Duplex, Allen Bradley DF1 Half Duplex, Allen Bradley PLC5 DF1, AB DH485
- Omron Host Link (C200 Adapter, C500)
- Omron FINS serial (CJ1, CS1)
- GE SNPX (90/30, 90/70, Micro 90, VersaMax Micro)
- Mitsubishi Melsec FX
- Siemens PPI
- Entivity Modbus RTU
- AutomationDirect GS Drives
- AutomationDirect SOLO Temperature Controllers
- Mitsubishi Q/QnA

* BX-P-SER2-RJ12 is required

C-more 3-inch Micro Port 1 to DL06 PLC Port 1



C-more 3-inch Micro Port 1 to DL205 PLC Port 1

