

## Cables

### Communication Cables

| Appearance | Part Number | Length          | Expanded Description                                               | Appearance | Part Number | Length        | Expanded Description                                                                                                              |
|------------|-------------|-----------------|--------------------------------------------------------------------|------------|-------------|---------------|-----------------------------------------------------------------------------------------------------------------------------------|
|            | FC4A-KC4CA  | 5ft. (1.53m)    | Programming cable (Maintenance/User Communication Mode selectable) |            | FC2A-KM1C   | 9.84 Ft. (3m) | Modem cable. Used to connect a modem to the MicroSmart RS232C port.                                                               |
|            | FC4A-USB    | 6ft. (1.83m)    | USB to Serial Converter (for use with PC without serial port)      |            | FC2A-KP1C   | 9.84 Ft. (3m) | User communication cable. Used to connect RS232C equipment to the MicroSmart RS232C port.                                         |
|            | FC4A-KC3C   | 0.33ft. (100mm) | Web Server Module interface cable                                  |            | FC5A-KX1C   | 3.28 Ft. (1m) | MicroSmart Pentra expansion power supply interface cable. Used to connect expansion interface master and expansion slave modules. |

### MIL Connector Cables (use with Breakout Modules)

| Use with                                        | Part Number   | Model                      | Length         | Use with                                                   | Part Number   | Model                      | Length         |
|-------------------------------------------------|---------------|----------------------------|----------------|------------------------------------------------------------|---------------|----------------------------|----------------|
| CPU Module (26-wire)<br>BX1D-S26A,<br>BX1D-T26A | FC9Z-H050B26  | Non-shielded               | 1.64ft. (0.5m) | I/O Expansion Modules (20-wire)<br>BX1D-S20A,<br>BX1D-T20A | FC9Z-H050B20  | Non-shielded               | 1.64ft. (0.5m) |
|                                                 | FC9Z-H100B26  |                            | 3.28ft. (1m)   |                                                            | FC9Z-H100B20  |                            | 3.28ft. (1m)   |
|                                                 | FC9Z-H200B26  |                            | 6.56ft (2m)    |                                                            | FC9Z-H200B20  |                            | 6.56ft (2m)    |
|                                                 | FC9Z-H300B26  |                            | 9.85ft. (3m)   |                                                            | FC9Z-H300B20  |                            | 9.85ft. (3m)   |
|                                                 | FC9Z-H050A26  | Shielded                   | 1.64ft. (0.5m) |                                                            | FC9Z-H050A20  | Shielded                   | 1.64ft. (0.5m) |
|                                                 | FC9Z-H100A26  |                            | 3.28ft. (1m)   |                                                            | FC9Z-H100A20  |                            | 3.28ft. (1m)   |
|                                                 | FC9Z-H200A26  |                            | 6.56ft (2m)    |                                                            | FC9Z-H200A20  |                            | 6.56ft (2m)    |
|                                                 | FC9Z-H300A26  |                            | 9.85ft. (3m)   |                                                            | FC9Z-H300A20  |                            | 9.85ft. (3m)   |
|                                                 | FC9Z-H100C26A | Shielded Single Connectors | 5ft. (1.5m)    |                                                            | FC9Z-H100C20A | Shielded Single Connectors | 5ft. (1.5m)    |

### Breakout Modules

| Use with                        | Part Number | Description                                     |
|---------------------------------|-------------|-------------------------------------------------|
| 26-wire MIL connector cable<br> | BX1D-S26A   | 26-terminal breakout module                     |
|                                 | BX1D-T26A   | 26-terminal touch-down terminal breakout module |
| 20-wire MIL connector cable<br> | BX1D-S20A   | 20-terminal breakout module                     |
|                                 | BX1D-T20A   | 20-terminal touch-down terminal breakout module |