

# PLC High Density I/O Cables

IC693CBL315, IC693CBL327, IC693CBL328

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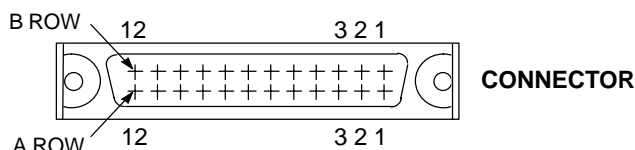
## Description and Wire List for 24-Pin I/O Cables

These three cables are for use with all IC693 programmable controller High-Density (32 point) I/O modules that have a pair of Fujitsu 24-pin connectors for their user connections. The IC693CBL315 cable is an older design that uses a straight connector. It will be obsoleted and replaced by the improved right-angle connector type cables, IC693CBL327 and IC693CBL328 (one of each is required). If you wish to route the cables downward from the module, connect the IC693CBL327 cable into the left module connector and the IC693CBL328 cable into the right module connector. If you wish to route the cables upward, reverse the two cables from the way just described. The right-angle design of the two newer cables requires less clearance space in front of a High-Density I/O module than is needed for the straight cable. Module connections are detailed in the *IC693 I/O Module Specifications manual*. **Note: These cables should not be used with the IC693 Axis Positioning Module (APM).**

### Wire List for all Three Cables

Connector Pin Number	Wire Pair #	Wire Color Code
A1	1	BROWN
A2	1	BROWN/BLACK
A3	2	RED
A4	2	RED/BLACK
A5	3	ORANGE
A6	3	ORANGE/BLACK
A7	4	YELLOW
A8	4	YELLOW/BLACK
A9	5	DARKGREEN
A10	5	DARKGREEN/BLACK
A11	6	DARKBLUE
A12	6	DARKBLUE/BLACK

Connector Pin Number	Wire Pair #	Wire Color Code
B1	7	VIOLET
B2	7	VIOLET/BLACK
B3	8	WHITE
B4	8	WHITE/BLACK
B5	9	GRAY
B6	9	GRAY/BLACK
B7	10	PINK
B8	10	PINK/BLACK
B9	11	LIGHTBLUE
B10	11	LIGHTBLUE/BLACK
B11	12	LIGHTGREEN
B12	12	LIGHTGREEN/BLACK



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#### NOTE

Each wire pair has a solid color wire and that same color wire with a black tracer. For example, Pair 1 has a solid brown wire paired with a brown wire with a black tracer.