

IC693CBL329/330/331/332/333/334 Cables

24-Pin I/O Faceplate Connector to Terminal Block Connector

Note: These cables replace obsolete cables IC693CBL321/322/323. The obsolete cables had straight connectors. These replacement cables have right-angle connectors to reduce the clearance space required in front of the PLC. They use the same pin-outs as the obsolete cables.

Description

These cables all have a right-angle 24-pin connector on each end. They are identical except for connector orientation (right side and left side types) and cable length. The difference in connector orientation is to allow them to work with the dual-connector type of 32-point I/O modules. These cables are wired pin-to-pin (that is, pin A1 to pin A1, pin A2 to pin A2, etc.). Similar cables are available in a 3 meter length that have a right angle connector on one end and stripped leads on the other (see the data sheet for the IC693CBL327/328 cables for further information).

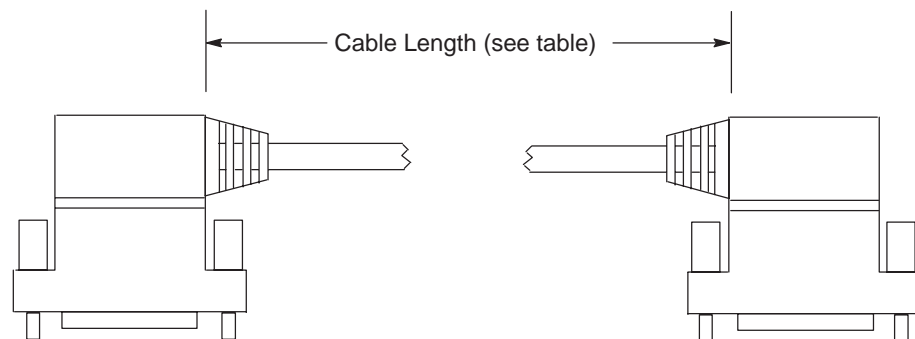


Figure B-20. IC693CBL329/330/331/332/333/334 Cables

Note

Each conductor in these 24-conductor cables has a current rating of 1.2 Amps. If using these cables with a 16-point Output module with a higher output current rating, you must use the lower value of 1.2 for the maximum load current rating. If you have field devices that require more than 1.2 Amps, do not use a TBQC assembly. Use the standard Terminal Board instead.

Table B-8. TBQC Cable Cross-Reference Table

Cable Catalog Number	Cable Description and Length	Replaces Obsolete Cable Number
IC693CBL329	Dual 24-pin, 90 deg. connectors, Left Side Cable length = 1.0 Meter	IC693CBL321
IC693CBL330	Dual 24-pin, 90 deg. connectors, Right Side Cable length = 1.0 Meter	IC693CBL321
IC693CBL331	Dual 24-pin, 90 deg. connectors, Left Side Cable length = 2.0 Meters	IC693CBL322
IC693CBL332	Dual 24-pin, 90 deg. connectors, Right Side Cable length = 2.0 Meters	IC693CBL322
IC693CBL333	Dual 24-pin, 90 deg. connectors, Left Side Cable length = 0.5 Meter	IC693CBL323
IC693CBL334	Dual 24-pin, 90 deg. connectors, Right Side Cable length = 0.5 Meter	IC693CBL323
Cable Kits		
IC693CBK002	Cable Kit. Includes both the IC693CBL329 (left side) and IC693CBL330 (right side) cables	
IC693CBK003	Cable Kit. Includes both the IC693CBL331 (left side) and IC693CBL332 (right side) cables	
IC693CBK004	Cable Kit. Includes both the IC693CBL333 (left side) and IC693CBL334 (right side) cables	

Connector Depth

The following figure shows that the cable connectors extend 2” out from the face of the Series 90-30 modules they are connected to. The depth of the cabinet that the PLC is mounted in should allow for the 2” depth added by this connector .

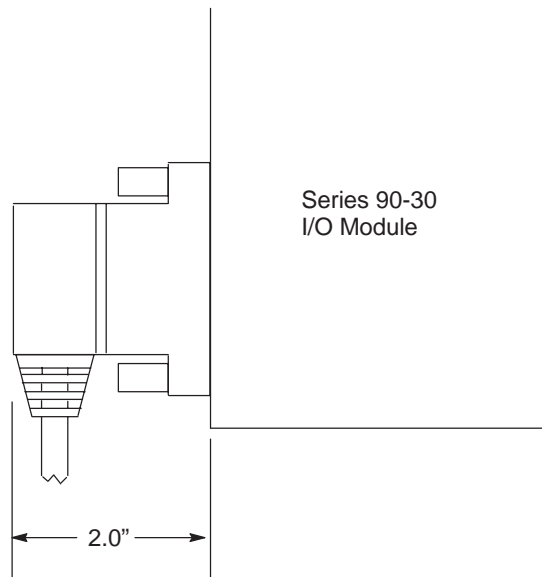


Figure B-21. Dimension for Depth of Connector