

# OptiMate Cables

Cables for OptiMate Panel-to-PLC Connection				
PLC Family	CPU (or other device)	CPU Port	Cables for 600/1000 Series	Cables for 400 Series
<b>DirectLOGIC™ DL05</b>	DL05: D0-05	Port 1	OP-2CBL	OP-2CBL-2
		Port 2	OP-2CBL	OP-2CBL-2
<b>DirectLOGIC™ DL06</b>	DL06: D0-06	Port 1	OP-2CBL	OP-2CBL-2
		Port 2	OP-2CBL-1	not available***
<b>DirectLOGIC™ DL105</b>	DL105: F1-130	Only one	OP-2CBL	OP-2CBL-2
<b>DirectLOGIC™ DL205</b>	D2-230	Only one	OP-2CBL	OP-2CBL-2
	D2-240	Top port	OP-2CBL	OP-2CBL-2
		Bottom port	OP-2CBL	OP-2CBL-2
	D2-250-1 D2-260	Top port	OP-2CBL	OP-2CBL-2
		Bottom port	OP-2CBL-1	not available***
D2-DCM (module)	Only one	OP-4CBL-2	not available***	
<b>DirectLOGIC™ DL305</b>	D3-330	Requires DCU*	OP-4CBL-2	not available***
	D3-330P	Requires DCU*	OP-4CBL-2	not available***
	D3-340	Top port	OP-3CBL	OP-3CBL-1
		Bottom port	OP-3CBL	OP-3CBL-1
	D3-350	Top port	OP-2CBL	OP-2CBL-2
Bottom port		OP-4CBL-2	not available***	
<b>DirectLOGIC™ DL405</b>	D4-430	Top port (15-pin)	OP-4CBL-1	OP-4CBL-3
		Bottom port (25-pin)	OP-4CBL-2	not available***
	D4-440	Top port	OP-4CBL-1	OP-4CBL-3
		Bottom port	OP-4CBL-2	not available***
	D4-450	Phone jack	OP-2CBL	OP-2CBL-2
		Top port (15-pin)	OP-4CBL-1	OP-4CBL-3
	D4-DCM (module)	Bottom port (25-pin)	OP-4CBL-2	not available***
Only one		OP-4CBL-2	not available***	
Slice I/O panels	Only one	OP-4CBL-1	OP-4CBL-3	
<b>GE® Series 1</b>	IC610CPU105, 106	Requires DCU*	OP-4CBL-2	not available***
<b>GE® Series 90/30</b>	All models (311-351)	RS422 serial port	not available***	not applicable
<b>GE® Fanuc™ Series 90 Micro</b>	All models	RS422 Serial port	not available***	not applicable
<b>MODICON</b>	ModBus	RJ45 port	OP-MCBL-1**	not applicable
<b>T1305™/ SIMATIC® T1305™</b>	325-07, PPX:325-07	Requires DCU*	OP-4CBL-2	not available***
	330-37, PPX:330-37	Requires DCU*	OP-4CBL-2	not available***
	325S-07 (or 325 w/Stage Kit)	Requires DCU*	OP-4CBL-2	not available***
	330S-37, PPX:330S-37	Requires DCU*	OP-4CBL-2	not available***
	335-37, PPX:335-37	Only one	OP-3CBL	OP-3CBL-1
		If DCU is used*	OP-4CBL-2	not available***
<b>T1405™/ SIMATIC® T1405™</b>	425-CPU, PPX:425-CPU	Only one	OP-4CBL-1	OP-4CBL-3
	430-CPU, PPX:430-CPU	Top port (15-pin)	OP-4CBL-1	OP-4CBL-3
		Bottom port (25-pin)	OP-4CBL-2	not available***
	435-CPU, PPX:435-CPU	Top port (15-pin)	OP-4CBL-1	OP-4CBL-3
		Bottom port (25-pin)	OP-4CBL-2	not available***
Smart Slice™ I/O panels	Only one	OP-4CBL-1	OP-4CBL-3	
<b>Allen-Bradley™ SLC 500</b>	5/03 5/04	Bottom port	OP-ACBL-1	OP-ACBL-3
	MicroLogix 1000/1200/1500	Only one	OP-ACBL-2	OP-ACBL-4

\* Requires RS-232 Data Communications Unit (D3-232-DCU)

\*\* 1000 series panels only

\*\*\* Cables for connecting to these ports must be built by the user. Pinout diagrams are in the OptiMate panel user manual or online.

- PLC Overview
- DL05/06 PLC
- DL105 PLC
- DL205 PLC
- DL305 PLC
- DL405 PLC
- Field I/O
- Software
- C-more HMI's
- 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
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