

Network Cable Selection Chart

Connectors	Length	Cat. No.		Connectors	Length	Cat. No.
8-pin Mini DIN to 8-pin Mini DIN	0.5 m (1.5 ft)	1761-CBL-AM00 ⁽¹⁾		8-pin Mini DIN to 9-pin D Shell	5 m (16 ft)	2711-CBL-PM05
8-pin Mini DIN to 8-pin Mini DIN	2 m (6.5 ft)	1761-CBL-HM02 ⁽¹⁾		8-pin Mini DIN to 9-pin D Shell	10 m (32 ft)	2711-CBL-PM10
8-pin Mini DIN to 8-pin Mini DIN	5 m (16 ft)	2711-CBL-HM05		6-pin Phoenix to RJ45 (DH-485)	3 m (10 ft)	1761-CBL-AS03
8-pin Mini DIN to 8-pin Mini DIN	10 m (32 ft)	2711-CBL-HM10		6-pin Phoenix to RJ45 (DH-485)	9 m (30 ft)	1761-CBL-AS09
9-pin D Shell to 9-pin D Shell	0.5 m (1.5 ft)	1761-CBL-AC00		8-pin Mini DIN to 8-pin Mini DIN	15 m (49.2 ft)	2707-NC9 ⁽¹⁾
9-pin D Shell to 9-pin D Shell	3 m (10 ft)	1747-CP3		8-pin Mini DIN to 6-pin DH-485 terminal	30 cm (11.8 in.)	1763-NC01 series A
8-pin Mini DIN to 9-pin D Shell	0.5 m (1.5 ft)	1761-CBL-AP00 ⁽¹⁾		RJ-45 to RJ-45	100 m (328 ft), max	Ethernet Cable ⁽²⁾
8-pin Mini DIN to 9-pin D Shell	2 m (6.5 ft)	1761-CBL-PM02 ⁽¹⁾				

(1) Series C or later for Class 1 Div 2 applications.

(2) Commercially available.

Programming Cable Selection**Programming Cable Selection Chart - Programming Device to Controller**

Programming Device	MicroLogix 1000, 1100, 1200, 1400, and 1500 Channel 0 (8-pin Mini DIN)		MicroLogix 1100 and 1400 Channel 1 (RJ-45)		MicroLogix 1400 Channel 2	
	MicroLogix 1200 Programming/HMI Port (8-pin Mini DIN)				MicroLogix 1500 with 1764-LRP Processor Channel 1 (9-pin RS-232)	
	Cat. No.	Length	Cat. No.	Length	Cat. No.	Length
Personal Computer (9-pin D Shell)	1761-CBL-PM02	2 m (6.5 ft)	---		1747-CP3	3m (10 ft)
Personal Computer (RJ-45)	---		Ethernet Cable ⁽¹⁾	100 m (328 ft), max	---	
Hand-Held Programmer (1761-HHP)	1761-CBL-HM02	2 m (6.5 ft)	---		---	

(1) Commercially available.

1747-UIC Universal Serial Bus to DH-485 Interface Converter

This device allows a computer with a USB port to interface to DH-485 ports on an SLC 500, MicroLogix, or other Rockwell Automation controllers and on PanelView terminals. The 1747-UIC features a USB connector as well as both an RS-232 and an RS-485 port. Use the RS-232 port to connect to SLC 5/03, 5/04, 5/05 (Channel 0), MicroLogix, CompactLogix, FlexLogix, ControlLogix controllers, PanelView 300 or higher terminals, or the AIC+ interface. Use the RS-485 port to connect to SLC 5/01, 5/02, 5/03 controllers (Channel 1), PanelView 300 or higher terminals, or the 1747-AIC isolated link coupler.

USB to DH-485 Interface Converter Specifications

Cat. No.	1747-UIC
USB Power Consumption	<100 mA (low power)
USB Speed	USB 1.1 (12 Mbps)
DH-485 Baud Rate	19.2 Kbps

Master List of Catalog Numbers

Cat. No.	Description	Quantity Selected
1769-OF4VI	Compact 4-channel Voltage Isolated Analog Output Module	
1769-OF8C	Compact 8-point Analog Current Output Module	
1769-OF8V	Compact 8-point Analog Voltage Output Module	
1769-OG16	Compact TTL Output Module	
1769-OV16	Compact Solid State 16-point 24V DC Sink Output Module	
1769-OV32T	Compact Current Sinking 24V DC Output Module	
1769-OW16	Compact 16-Output AC/DC Relay Module	
1769-OW8	Compact 8-Output AC/DC Relay Module	
1769-OW8I	Compact Individually Isolated 8-Output AC/DC Relay Module	
1769-PA2	Compact 124/240V AC Expansion Power Supply	
1769-PA4	Compact 124/240V AC Expansion Power Supply	
1769-PB2	Compact 24V DC Expansion Power Supply	
1769-PB4	Compact 24V DC Expansion Power Supply	
1769-SDN	CompactLogix DeviceNet Scanner Module	
1769-SM1	Compact I/O to DPI/SCANport Module	
1769-SM2	Compact I/O to DSI Communication Module	

MicroLogix Communication Interface Devices

1761-NET-AIC	MicroLogix Advanced Interface Converter Module	
1761-NET-DNI	MicroLogix DeviceNet Interface Module	
1761-NET-ENI	MicroLogix Ethernet/IP Interface Module	
1761-NET-ENIW	MicroLogix Ethernet/IP Interface Module with Web Server Functionality	

Programming Tools and Software

1747-UIC	Universal Serial Bus (USB) to DH-485 Interface Converter	
1761-HHM-K08	8 KB Memory Module for MicroLogix 1000 Hand-Held Programmer	
1761-HHM-K64	64 KB Memory Module for MicroLogix 1000 Hand-Held Programmer	
1761-HHP-B30	MicroLogix 1000 Hand-Held Programmer	
9324-RL0100ENE	RSLogix 500 Starter	
9324-RL0300ENE	RSLogix 500 Programming for the SLC 500 and MicroLogix Families	
9324-RL0700NXENE	RSLogix 500 Professional	
9324-RLM0100ENE	RSLogix Micro Starter	
9324-RLM0800ENE	RSLogix Micro Professional	

Cables

1747-CP3	SLC 5/03, SLC 5/04, and SLC 5/05 RS-232 Programmer Cable	
1761-CBL-AC00	RS-232 Operating Cable, 9-Pin D Shell to 9-Pin D Shell (MicroLogix), 0.5 m (1.5 ft)	
1761-CBL-AM00	RS-232 Operating Cable, 8-Pin Mini DIN to 8-Pin Mini DIN (MicroLogix), 0.5 m (1.5 ft)	
1761-CBL-AP00	RS-232 Operating Cable, 8-Pin Mini DIN to 9-Pin D Shell (MicroLogix), 0.5 m (1.5 ft)	
1761-CBL-AS03	Controller/DH-485 Cable, 6-Pin Phoenix to RJ45, 3 m (10 ft)	
1761-CBL-AS09	Controller/DH-485 Cable, 6-Pin Phoenix to RJ45, 9.5 m (31 ft)	
1761-CBL-HM02	RS-232 Operating/Programming Cable, 8-Pin Mini DIN to 8-Pin Mini DIN (MicroLogix), 2 m (6.5 ft)	
1761-CBL-PM02	RS-232 Operating/Programming Cable, 8-Pin Mini DIN to 9-Pin D Shell (MicroLogix), 2 m (6.5 ft)	
1763-NC01	DH-485 cable, 8-Pin Mini DIN to 6-Pin Phoenix	
2711-CBL-HM05	RS-232 Operating Cable, 8-Pin Mini DIN to 8-Pin Mini DIN (PanelView 300 Micro to MicroLogix), 5 m (16.4 ft)	