Connecting a Computer Running Support Software (e.g., CX-Programmer) to a PLC

Connecting Cables for CJ2

A

USB type A plug connector (male)
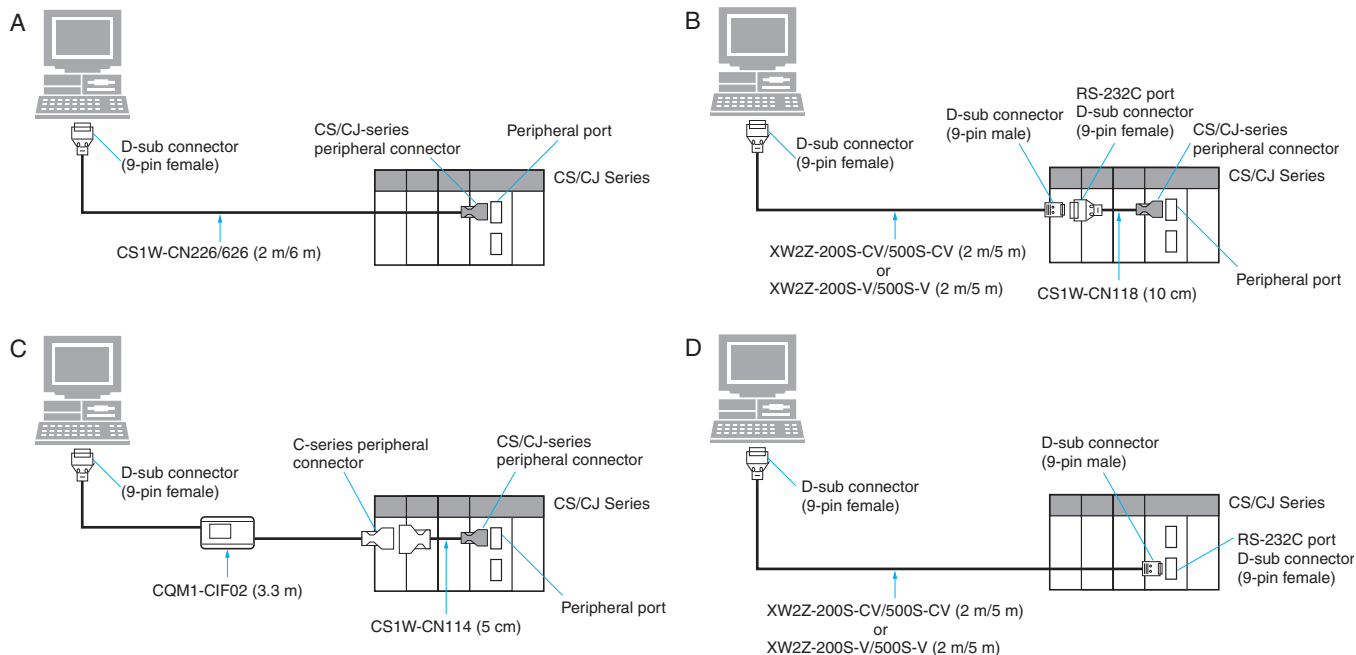Commercially available USB cable
USB type B plug connector (male)
USB port

B

D-sub connector (9-pin female) D-sub connector (9-pin male)

XW2Z-200S-CV/500S-CV(2 m/5 m)

RS-232C port D-sub connector (9-pin female)

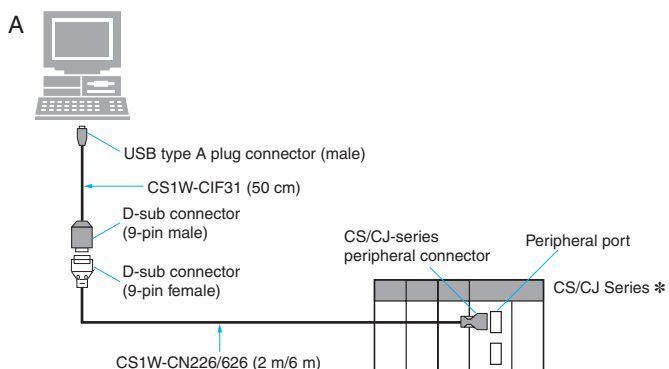| Computer		Unit		Network Type (Serial Communications Mode)	Model	Cable length	Connection Types
	PC port		Unit port				
PC/AT compatible	USB A plug connector (female)	CPU Unit	USB B plug connector (female)	USB or Toolbus (USB port)	Commercially available USB cable ✽ (A plug connector (male) - B plug connector (male))	5 m maximum	A
	D-sub, 9-pin (male)		Built-in RS-232C port D-sub, 9-pin (female)	Host Link	XW2Z-500S-CV	5 m	B
					XW2Z-200S-CV	2 m	

✽ A driver must first be installed to make a USB connection.

Connecting a Computer Running Support Software (e.g., CX-Programmer) to a PLC

Connecting Cables for CS1/CJ1

A

D-sub connector (9-pin female)

CS/CJ-series peripheral connector

Peripheral port

CS/CJ Series

CS1W-CN226/626 (2 m/6 m)

B

D-sub connector (9-pin female)

D-sub connector (9-pin male)

RS-232C port D-sub connector (9-pin female)

CS/CJ-series peripheral connector

CS/CJ Series

XW2Z-200S-CV/500S-CV (2 m/5 m) or XW2Z-200S-V/500S-V (2 m/5 m)

CS1W-CN118 (10 cm)

Peripheral port

C

D-sub connector (9-pin female)

C-series peripheral connector

CS/CJ-series peripheral connector

CS/CJ Series

CQM1-CIF02 (3.3 m)

CS1W-CN114 (5 cm)

Peripheral port

D

D-sub connector (9-pin female)

D-sub connector (9-pin male)

CS/CJ Series

RS-232C port D-sub connector (9-pin female)

XW2Z-200S-CV/500S-CV (2 m/5 m) or XW2Z-200S-V/500S-V (2 m/5 m)

Computer		Unit		Network Type (Serial Communications Mode)	Model	Cable length	Connection Types
PC port			Unit port				
PC/AT compatible	D-sub, 9-pin (male)	CPU	Built-in peripheral port	Peripheral bus or Host Link	CS1W-CN226	2 m	A
					CS1W-CN626	6 m	A
					CS1W-CN118 +XW2Z-200S-CV	0.1 m+2 m	B
					CS1W-CN118 +XW2Z-500S-CV	0.1m+5 m	B
				Host Link	CS1W-CN118 +XW2Z-200S-V	0.1 m+2 m	B
					CS1W-CN118 +XW2Z-500S-V	0.1 m+5 m	B
				Host Link with a baud rate of 19.2 kbps or less	CS1W-CN114 +CQM1-CIF02	0.05 m+3.3 m	C
			Built-in RS-232C port D-sub, 9-pin (female)	Peripheral bus or Host Link	XW2Z-200S-CV	2 m	D
					XW2Z-500S-CV	5 m	D
				Host Link	XW2Z-200S-V	2 m	D
					XW2Z-500S-V	5 m	D

Reference: USB-Serial Conversion Cable (CS1W-CIF31)

A

USB type A plug connector (male)

CS1W-CIF31 (50 cm)

D-sub connector (9-pin male)

D-sub connector (9-pin female)

CS/CJ-series peripheral connector

Peripheral port

CS/CJ Series ✱

CS1W-CN226/626 (2 m/6 m)

Computer		Connecting Cable		Network Type (Serial Communications Mode)	Model	Cable length	Connection Types
PC port			Cable port				
PC/AT compatible	USB A plug connector (female)	–	RS-232C D-sub, 9-pin (female)	Depends on the Unit's spcifications.	CS1W-CIF31 ✱2	0.5 m	A

✱1. Applicable models: CS/CJ Series, C Series (C200HS, C200HE/G/X, C200H, C1000H, C2000H, CQM1, CPM1, CPM1A, CPM2A, CQM1H, and CPM2C), CVM1/CV Series, NS Series, NT Series, SRM1, and ZEN.
✱2. A separate cable is required to connect to the PLC.

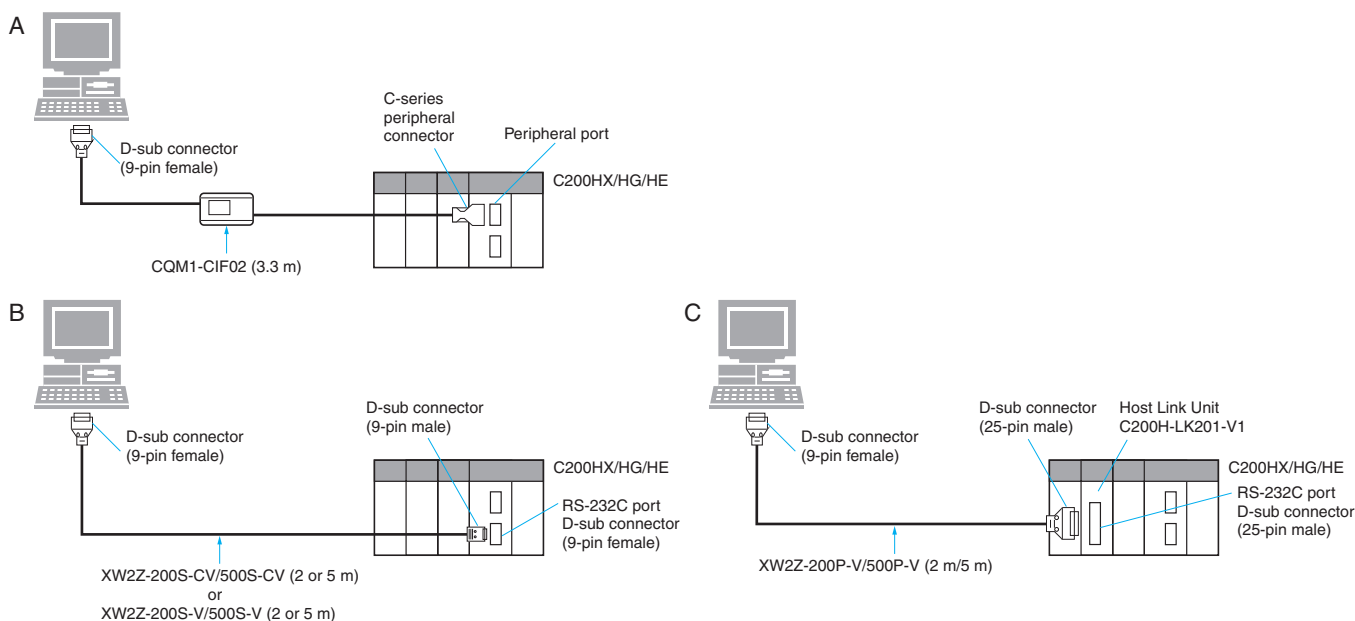# Connecting a Computer Running Support Software (e.g., CX-Programmer) to a PLC

Connecting Cables for CP1H/CP1L/CP1E

A
- USB type A plug connector (male)
- Commercially available USB cable
- USB type B plug connector (male)
- USB port
- CP1H/CP1L/CP1E

B
- D-sub connector (9-pin female)
- RS-232C port D-sub connector (9-pin female)
- RS-232C Option Board CP1W-CIF01
- CP1H/CP1L/CP1E-N/NA
- XW2Z-200S-CV/500S-CV (2 m/5 m) or XW2Z-200S-V/500S-V (2 m/5 m)

Computer		Unit		Network Type (Serial Communications Mode)	Model	Cable length	Connection Types
	PC port		Unit port				
PC/AT compatible	USB A plug connector (female)	CPU	USB B plug connector (female)	USB	Commercially available USB cable (A plug connector (male) - B plug connector (male))	5 m maximum	A
	D-sub, 9-pin (male)		RS-232C port (D-sub 9-pin female) on Option Board ✱ D-sub, 9-pin (female)	Peripheral bus or Host Link	XW2Z-200S-CV	2 m	B
					XW2Z-500S-CV	5 m	
				Host Link	XW2Z-200S-V	2 m	
					XW2Z-500S-V	5 m	

✱ An Option Board cannot be used with a CP1L CPU Unit with 10 Points and CP1E-E. Also, the CP1E-N and CP1E-NA have a built-in RS-232C port.

Connecting Cables for C200HS/HX/HG/HE

A
- D-sub connector (9-pin female)
- C-series peripheral connector
- Peripheral port
- C200HX/HG/HE
- CQM1-CIF02 (3.3 m)

B
- D-sub connector (9-pin female)
- D-sub connector (9-pin male)
- C200HX/HG/HE
- RS-232C port D-sub connector (9-pin female)
- XW2Z-200S-CV/500S-CV (2 or 5 m) or XW2Z-200S-V/500S-V (2 or 5 m)

C
- D-sub connector (9-pin female)
- D-sub connector (25-pin male)
- Host Link Unit C200H-LK201-V1
- C200HX/HG/HE
- RS-232C port D-sub connector (25-pin male)
- XW2Z-200P-V/500P-V (2 m/5 m)

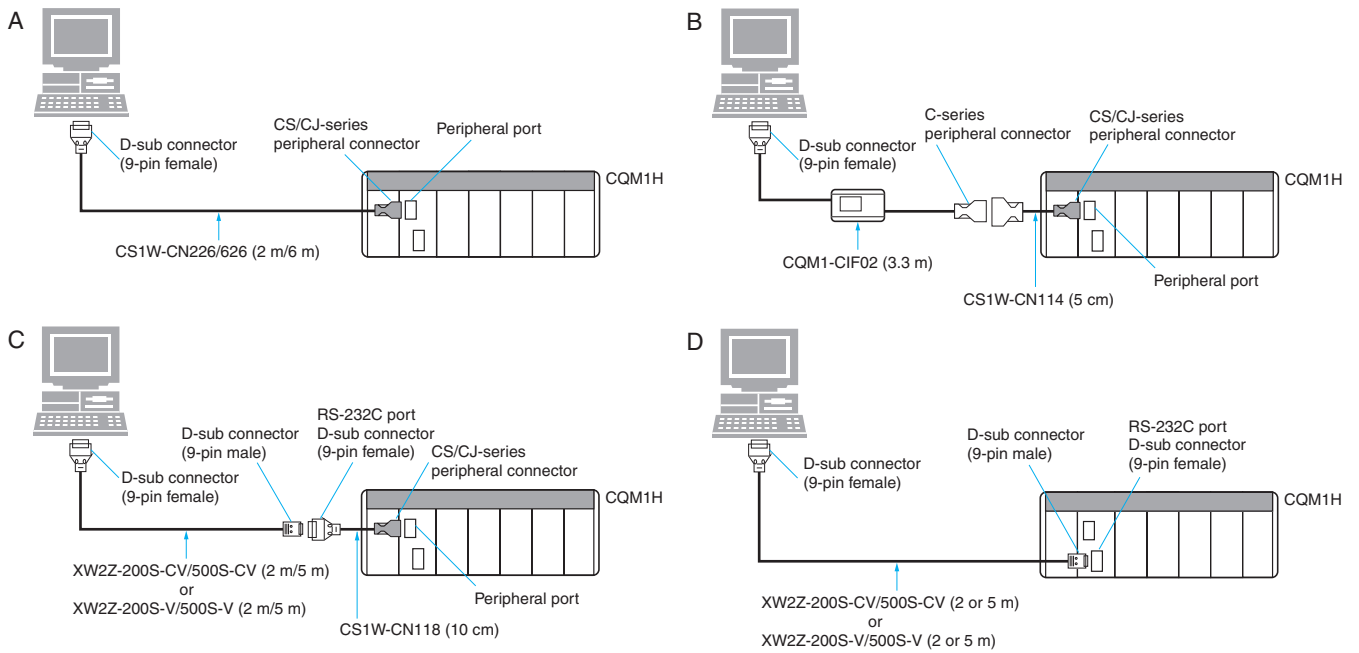| Computer		Unit		Network Type (Serial Communications Mode)	Model	Cable length	Connection Types
	PC port		Unit port				
PC/AT compatible	D-sub, 9-pin (male)	CPU	Built-in peripheral port	Peripheral bus ✱1 or Host Link	CQM1-CIF02	3.3 m	A
			Built-in RS-232C port D-sub, 9-pin (female) ✱2	Host Link	XW2Z-200S-CV	2 m	B
					XW2Z-500S-CV	5 m	
					XW2Z-200S-V	2 m	
					XW2Z-500S-V	5 m	
		Host Link Unit C200H-LK201-V1	Built-in RS-232C port D-sub, 25-pin (female)		XW2Z-200P-V ✱3	2 m	C
					XW2Z-500P-V ✱3	5 m	

✱1. These Cables cannot be used for Programming Devices, such as the CX-Programmer, for the C200H-LK201-V1 Host Link Unit on a C200HX/HG/HE-Z PLC.

✱2. Only C200HS-CPU21/23/31/33 is equipped with a built-in RS-232C port D-sub, 9-pin (female).

✱3. The XW2Z-200S-CV and XW2Z-500S-CV cannot be used.

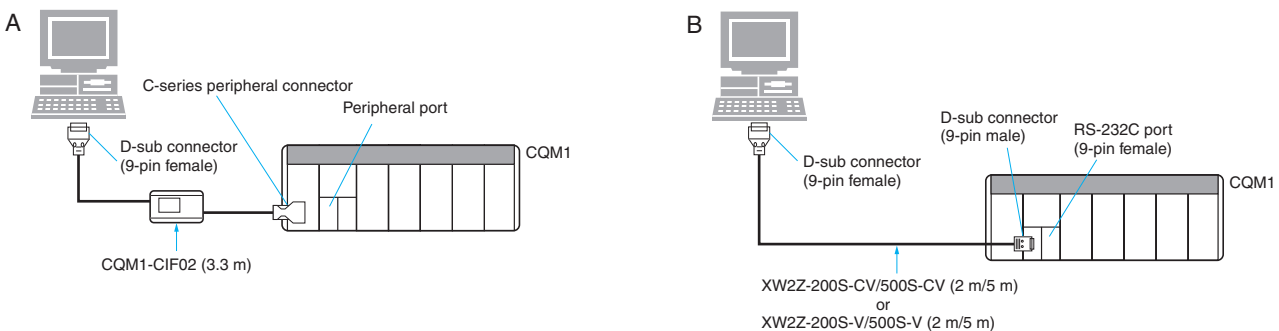# Connecting a Computer Running Support Software (e.g., CX-Programmer) to a PLC

Connecting Cables for CQM1H

A

B

C

D

Computer		Unit		Network Type (Serial Communications Mode)	Model	Cable length	Connection Types
PC port			**Unit port**				
PC/AT compatible	D-sub, 9-pin (male)	CPU ✱	Built-in peripheral port	Peripheral bus or Host Link	CS1W-CN226	2 m	A
					CS1W-CN626	6 m	A
					CS1W-CN114 +CQM1-CIF02	0.05 m+3.3 m	B
					CS1W-CN118 +XW2Z-200S-CV	0.1 m+2 m	C
					CS1W-CN118 +XW2Z-500S-CV	0.1 m+5 m	C
					CS1W-CN118 +XW2Z-200S-V	0.1 m+2 m	C
					CS1W-CN118 +XW2Z-500S-V	0.1 m+5 m	C
			Built-in RS-232C port D-sub, 9-pin (female)	Host Link	XW2Z-200S-CV	2 m	D
					XW2Z-500S-CV	5 m	D
					XW2Z-200S-V	2 m	D
					XW2Z-500S-V	5 m	D

✱ Discontinuation models in March 2012.

Connecting Cables for CQM1

A

B

Computer		Unit		Network Type (Serial Communications Mode)	Model	Cable length	Connection Types
PC port			**Unit port**				
PC/AT compatible	D-sub, 9-pin (male)	CPU ✱	Built-in peripheral port	Peripheral bus or Host Link	CQM1-CIF02	3.3 m	A
			Built-in RS-232C port D-sub, 9-pin (female) (CPU42/43/44/63/64/65/85 only)	Host Link	XW2Z-200S-CV	2 m	B
					XW2Z-500S-CV	5 m	B
					XW2Z-200S-V	2 m	B
					XW2Z-500S-V	5 m	B

✱ Discontinuation models in March 2001.

Connecting a Computer Running Support Software (e.g., CX-Programmer) to a PLC

Connecting Cables for CPM1, CPM1A and CPM2A

A

C-series peripheral connector

D-sub connector (9-pin female)

Peripheral port

CPM1A-V1

CQM1-CIF02 (3.3 m)

B

D-sub connector (9-pin male)

D-sub connector (9-pin female)

CPM1-CIF01

XW2Z-200S-CV/500S-CV (2m/5m)
or
XW2Z-200S-V/500S-V (2m/5m)

Peripheral port

CPM1A-V1

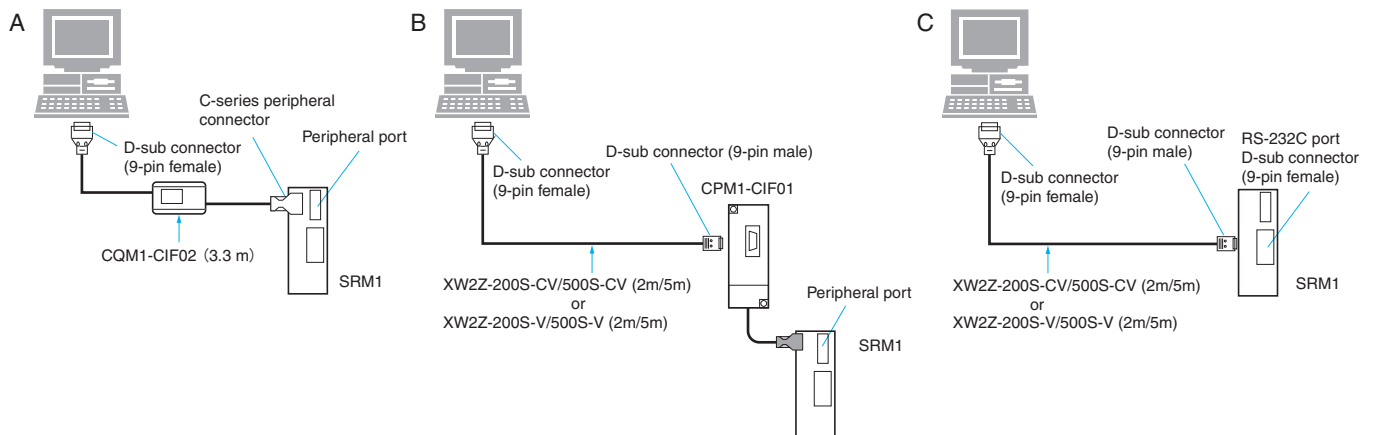| Computer		Unit		Network Type (Serial Communications Mode)	Model	Cable length	Connection Types
	PC port		Unit port				
PC/AT compatible	D-sub, 9-pin (male)	CPU Unit	Built-in peripheral port	Peripheral bus ✱ or Host Link	CQM1-CIF02	3.3 m	A
					CPM1-CIF01 +XW2Z-200S-CV	2 m	B
					CPM1-CIF01 +XW2Z-500S-CV	5 m	
				Host Link	CPM1-CIF01 +XW2Z-200S-V	2 m	
					CPM1-CIF01 +XW2Z-500S-V	5 m	

✱ CPM2A CPU Units that have a 9 as the fourth digit of the lot number (4 or 5 digits) do not support Toolbus connections. They do support Host Link connections.
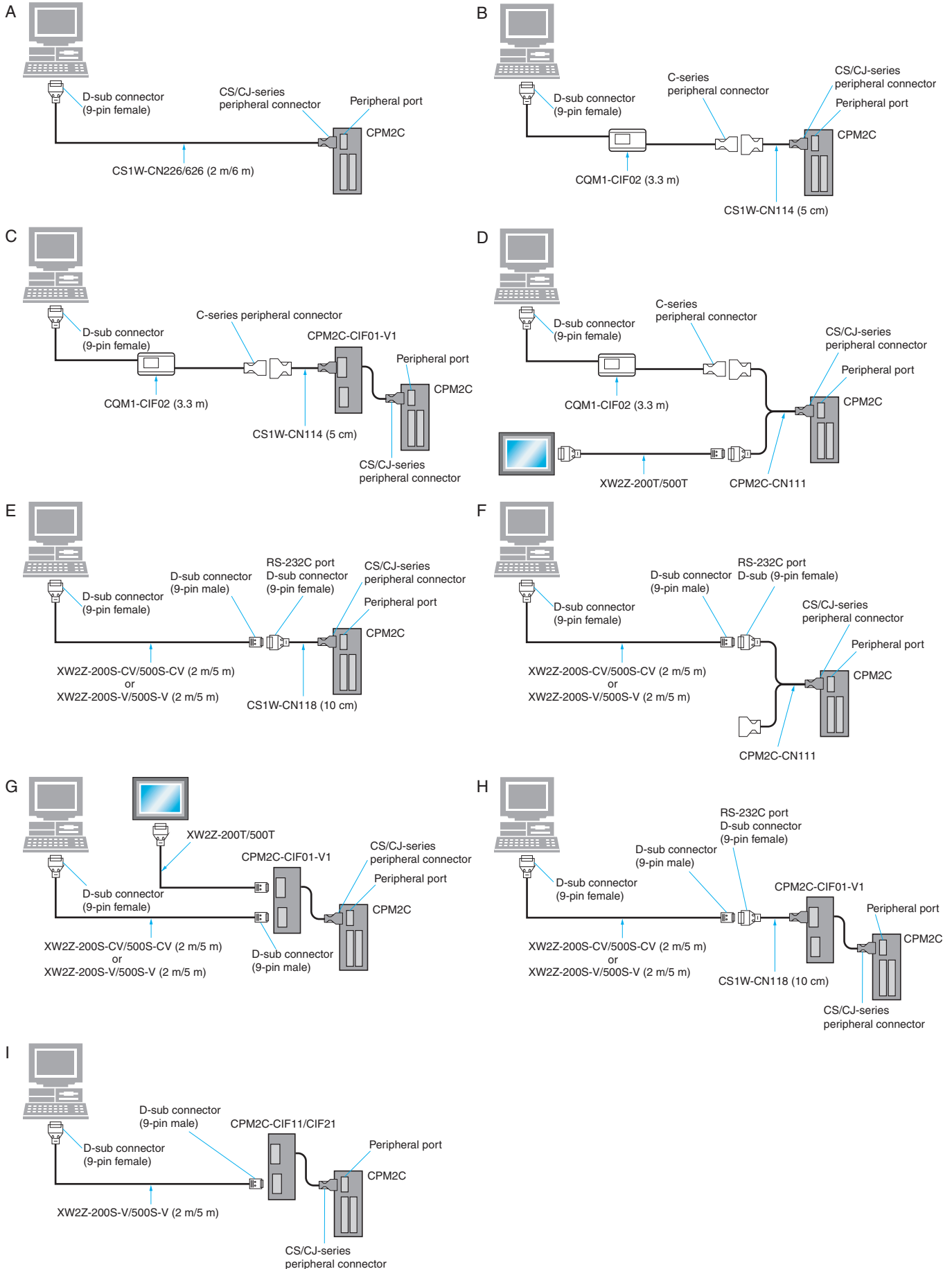
Connecting Cables for SRM1

A

C-series peripheral connector

D-sub connector (9-pin female)

Peripheral port

CQM1-CIF02 (3.3 m)

SRM1

B

D-sub connector (9-pin male)

D-sub connector (9-pin female)

CPM1-CIF01

XW2Z-200S-CV/500S-CV (2m/5m)
or
XW2Z-200S-V/500S-V (2m/5m)

Peripheral port

SRM1

C

D-sub connector (9-pin male)

RS-232C port D-sub connector (9-pin female)

D-sub connector (9-pin female)

XW2Z-200S-CV/500S-CV (2m/5m)
or
XW2Z-200S-V/500S-V (2m/5m)

SRM1

Computer		Unit		Network Type (Serial Communications Mode)	Model	Cable length	Connection Types
	PC port		Unit port				
PC/AT compatible	D-sub, 9-pin (male)	CPU Unit	Built-in peripheral port	Peripheral bus or Host Link	CQM1-CIF02	3.3 m	A
					CPM1-CIF01 +XW2Z-200S-CV	2 m	B
					CPM1-CIF01 +XW2Z-500S-CV	5 m	
				Host Link	CPM1-CIF01 +XW2Z-200S-V	2 m	
					CPM1-CIF01 +XW2Z-500S-V	5 m	
			Built-in RS-232C port D-sub, 9-pin (female) (SRM1-C01 only)		XW2Z-200S-CV	2 m	C
					XW2Z-500S-CV	5 m	
					XW2Z-200S-V	2 m	
					XW2Z-500S-V	5 m	

Connecting a Computer Running Support Software (e.g., CX-Programmer) to a PLC

Connecting Cables for CPM2C

A

D-sub connector (9-pin female)
CS/CJ-series peripheral connector
Peripheral port
CPM2C
CS1W-CN226/626 (2 m/6 m)

B

D-sub connector (9-pin female)
C-series peripheral connector
CS/CJ-series peripheral connector
Peripheral port
CPM2C
CQM1-CIF02 (3.3 m)
CS1W-CN114 (5 cm)

C

D-sub connector (9-pin female)
C-series peripheral connector
CPM2C-CIF01-V1
Peripheral port
CPM2C
CQM1-CIF02 (3.3 m)
CS1W-CN114 (5 cm)
CS/CJ-series peripheral connector

D

D-sub connector (9-pin female)
C-series peripheral connector
CS/CJ-series peripheral connector
Peripheral port
CPM2C
CQM1-CIF02 (3.3 m)
XW2Z-200T/500T
CPM2C-CN111

E

D-sub connector (9-pin female)
D-sub connector (9-pin male)
RS-232C port D-sub connector (9-pin female)
CS/CJ-series peripheral connector
Peripheral port
CPM2C
XW2Z-200S-CV/500S-CV (2 m/5 m) or XW2Z-200S-V/500S-V (2 m/5 m)
CS1W-CN118 (10 cm)

F

D-sub connector (9-pin female)
D-sub connector (9-pin male)
RS-232C port D-sub (9-pin female)
CS/CJ-series peripheral connector
Peripheral port
CPM2C
XW2Z-200S-CV/500S-CV (2 m/5 m) or XW2Z-200S-V/500S-V (2 m/5 m)
CPM2C-CN111

G

XW2Z-200T/500T
CPM2C-CIF01-V1
CS/CJ-series peripheral connector
Peripheral port
CPM2C
D-sub connector (9-pin female)
XW2Z-200S-CV/500S-CV (2 m/5 m) or XW2Z-200S-V/500S-V (2 m/5 m)
D-sub connector (9-pin male)

H

D-sub connector (9-pin female)
RS-232C port D-sub connector (9-pin female)
D-sub connector (9-pin male)
CPM2C-CIF01-V1
Peripheral port
CPM2C
XW2Z-200S-CV/500S-CV (2 m/5 m) or XW2Z-200S-V/500S-V (2 m/5 m)
CS1W-CN118 (10 cm)
CS/CJ-series peripheral connector

I

D-sub connector (9-pin male)
CPM2C-CIF11/CIF21
Peripheral port
CPM2C
D-sub connector (9-pin female)
XW2Z-200S-V/500S-V (2 m/5 m)
CS/CJ-series peripheral connector

Connecting a Computer Running Support Software (e.g., CX-Programmer) to a PLC

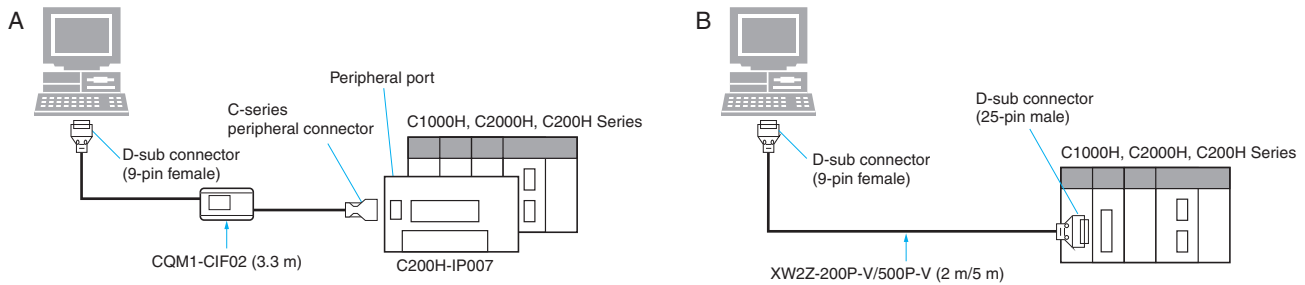| Computer		Unit		Network Type (Serial Communications Mode)	Model	Cable length	Connection Types
	PC port		Unit port				
PC/AT compatible	D-sub, 9-pin (male)	CPU	Communications port (as a peripheral port)	Peripheral bus *1 or Host Link	CS1W-CN226 *2	2 m	A
					CS1W-CN626 *2	6 m	
					CS1W-CN114 +CQM1-CIF02	0.05 m+3.3 m	B
					CPM2C-CIF01-V1 +CS1W-CN114 +CQM1-CIF02	Adapter+ 0.05 m + 3.3 m	C
					CPM2C-CN111 (Peripheral port) +CQM1-CIF02	0.1 m+3.3 m	D
			Communications port (as an RS-232C port)	Host Link	CS1W-CN118 +XW2Z-200S-CV	0.1 m+2 m	E
					CS1W-CN118 +XW2Z-500S-CV	0.1 m+5 m	
					CS1W-CN118 +XW2Z-200S-V	0.1 m+2 m	
					CS1W-CN118 +XW2Z-500S-V	0.1 m+5 m	
					CPM2C-CN111 (RS-232C port) +XW2Z-200S-CV	0.1m+2m	F
					CPM2C-CN111 (RS-232C port) +XW2Z-500S-CV	0.1 m+5 m	
					CPM2C-CN111 (RS-232C port) +XW2Z-200S-V	0.1 m+2 m	
					CPM2C-CN111 (RS-232C port) +XW2Z-500S-V	0.1 m+5 m	
					CPM2C-CIF01-V1 +XW2Z-200S-CV	Adapter+2 m	G
					CPM2C-CIF01-V1 +XW2Z-500S-CV	Adapter+5 m	
					CPM2C-CIF01-V1 +XW2Z-200S-V	Adapter+2 m	
					CPM2C-CIF01-V1 +XW2Z-500S-V	Adapter+5 m	
					CPM2C-CIF01-V1 +CS1W-CN118 +XW2Z-200S-CV	Adapter 0.1 m+2 m	H
					CPM2C-CIF01-V1 +CS1W-CN118 +XW2Z-500S-CV	Adapter 0.1 m+5 m	
					CPM2C-CIF01-V1 +CS1W-CN118 +XW2Z-200S-V	Adapter+ 0.1 m+2 m	
					CPM2C-CIF01-V1 +CS1W-CN118 +XW2Z-500S-V	Adapter+ 0.1 m+5 m	
					CPM2C-CIF11 +XW2Z-200S-V	Adapter+2 m	I
					CPM2C-CIF11 +XW2Z-500S-V	Adapter+5 m	
					CPM2C-CIF21 +XW2Z-200S-V	Adapter+2 m	
					CPM2C-CIF21 +XW2Z-500S-V	Adapter+5 m	

*1. CPM2C CPU Units that have a 9 as the fourth digit of the lot number (4 or 5 digits) and that were manufactured in 1999 do not support Toolbus connections. They do support Host Link connections.
*2. Only Host Link (SYSMAC WAY) connections are possible. Toolbus cannot be used.
Note: Refer to the CPM2C Operation Manual (Cat. No. W340) for details.

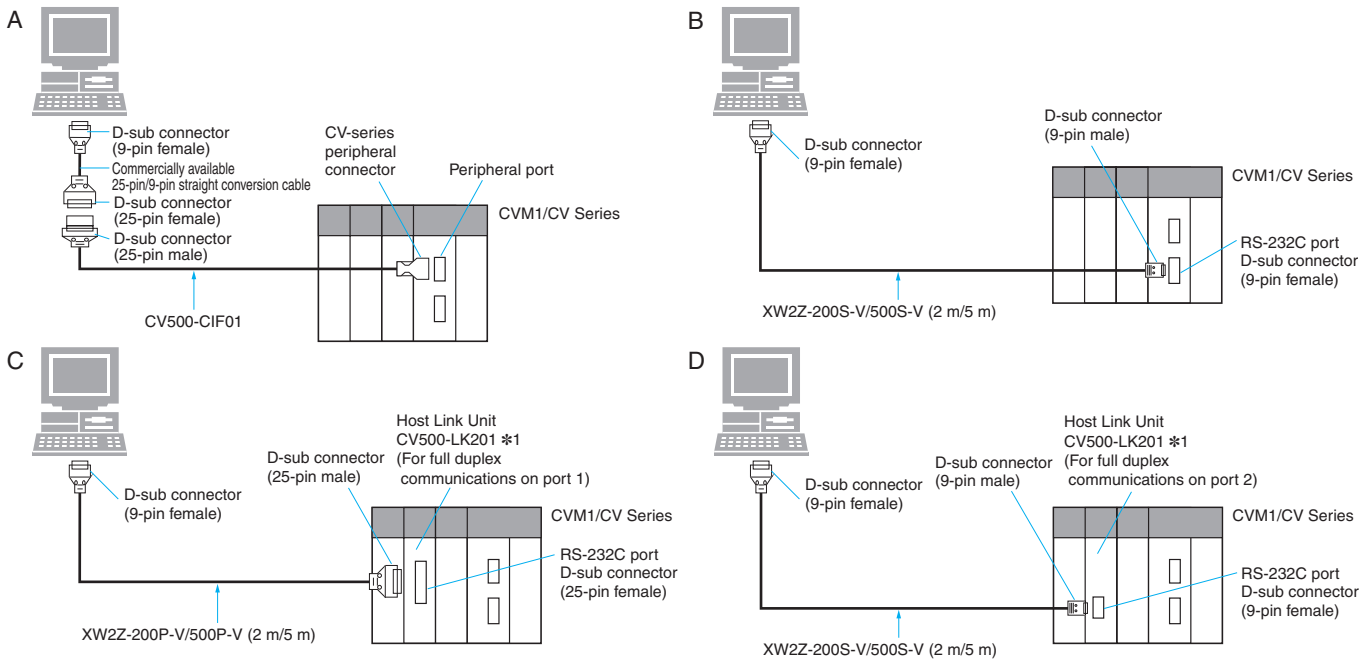# Connecting a Computer Running Support Software (e.g., CX-Programmer) to a PLC

Connecting Cables for C1000H, C2000H, C200H

A

Peripheral port
C-series peripheral connector
C1000H, C2000H, C200H Series
D-sub connector (9-pin female)
CQM1-CIF02 (3.3 m)
C200H-IP007

B

D-sub connector (25-pin male)
C1000H, C2000H, C200H Series
D-sub connector (9-pin female)
XW2Z-200P-V/500P-V (2 m/5 m)

Computer		Unit		Network Type (Serial Communications Mode)	Model	Cable length	Connection Types
PC port			Unit port				
PC/AT compatible	D-sub, 9-pin (male)	CPU Unit	Built-in peripheral port	Host Link	C200H-IP007 +CQM1-CIF02 *	3.3 m	A
		Host Link Unit C1000H, C2000H: C500-LK203 C500-LK201-V1 (3G2A5-LK201-V1) C120-LK201-V1 (3G2A6-LK201-EV1) C200H: C200H-LK201-V1 C120-LK201-V1 (3G2A6-LK201-EV1)	Built-in RS-232C port D-sub, 25-pin (female)	Host Link	XW2Z-200P-V	2 m	B
					XW2Z-500P-V	5 m	

* Connection cannot be made from the CQM1-CIF02 directly to a computer for the C200H Handheld Programming Console connecting cable. Use the C200H-IP007.

Connecting Cables for CVM1/CV

A

D-sub connector (9-pin female)
Commercially available 25-pin/9-pin straight conversion cable
D-sub connector (25-pin female)
D-sub connector (25-pin male)
CV-series peripheral connector
Peripheral port
CVM1/CV Series
CV500-CIF01

B

D-sub connector (9-pin female)
D-sub connector (9-pin male)
CVM1/CV Series
RS-232C port D-sub connector (9-pin female)
XW2Z-200S-V/500S-V (2 m/5 m)

C

D-sub connector (9-pin female)
D-sub connector (25-pin male)
Host Link Unit CV500-LK201 *1 (For full duplex communications on port 1)
CVM1/CV Series
RS-232C port D-sub connector (25-pin female)
XW2Z-200P-V/500P-V (2 m/5 m)

D

D-sub connector (9-pin female)
D-sub connector (9-pin male)
Host Link Unit CV500-LK201 *1 (For full duplex communications on port 2)
CVM1/CV Series
RS-232C port D-sub connector (9-pin female)
XW2Z-200S-V/500S-V (2 m/5 m)

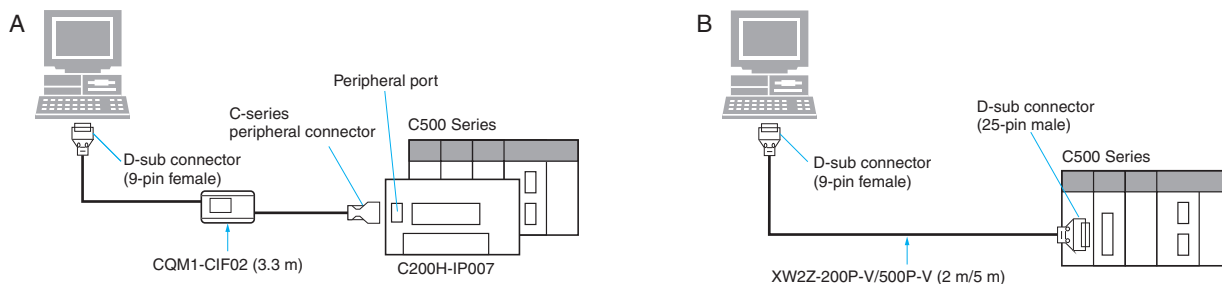| Computer		Unit		Network Type (Serial Communications Mode)	Model	Cable length	Connection Types
PC port			Unit port				
PC/AT compatible	D-sub, 9-pin (male)	CPU Unit *1	Built-in peripheral port	Host Link	CV500-CIF01 *2	6 m	A
			Built-in RS-232C port D-sub, 9-pin (female)		XW2Z-200S-V *3	2 m	B
					XW2Z-500S-V *3	5 m	
		Host Link Unit CV500-LK201 *1 (for full duplex communication on port 1)	Built-in RS-232C port D-sub, 25-pin (female)		XW2Z-200P-V *3	2 m	C
					XW2Z-500P-V *3	5 m	
		Host Link Unit CV500-LK201 *1 (for full duplex communication on port 2)	Built-in RS-232C port D-sub, 9-pin (female)		XW2Z-200S-V *3	2 m	D
					XW2Z-500S-V *3	5 m	

*1. Discontinuation models in March 2012.
*2. A commercially available 25-pin/9-pin straight conversion cable is separately required.
*3. The XW2Z-200S-CV and XW2Z-500S-CV cannot be used.

Connecting a Computer Running Support Software (e.g., CX-Programmer) to a PLC
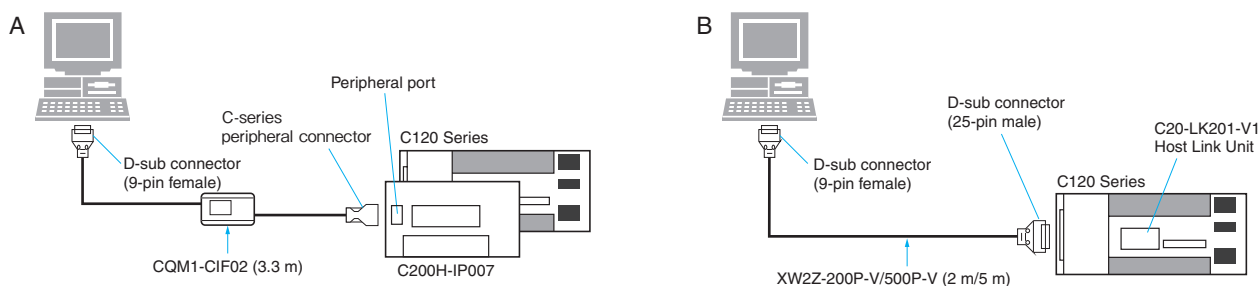
Connecting Cables for C500

A

D-sub connector
(9-pin female)

C-series
peripheral connector

Peripheral port

C500 Series

CQM1-CIF02 (3.3 m)

C200H-IP007

B

D-sub connector
(9-pin female)

D-sub connector
(25-pin male)

C500 Series

XW2Z-200P-V/500P-V (2 m/5 m)

Computer		Unit		Network Type (Serial Communications Mode)	Model	Cable length	Connection Types
PC port			Unit port				
PC/AT compatible	D-sub, 9-pin (male)	CPU Unit *1	Built-in peripheral port	Host Link	C200H-IP007 +CQM1-CIF02	3.3 m	A
		Host Link Unit *2 C500-LK203 C500-LK201-V1 (3G2A5-LK201-EV1) C120-LK201-V1 (3G2A6-LK201-EV1)	Built-in RS-232C port D-sub, 25-pin (female)		XW2Z-200P-V	2 m	B
					XW2Z-500P-V	5 m	B

*1. Production of the CPU Units was discontinued in March 2004.
*2. Production of the C500-LK203, C500-LK201-V1 (3G2A5-LK201-EV1), and C120-LK201-V1 (3G2A6-LK201-EV1) was discontinued in March 2006. (There is no recommended substitute product.)
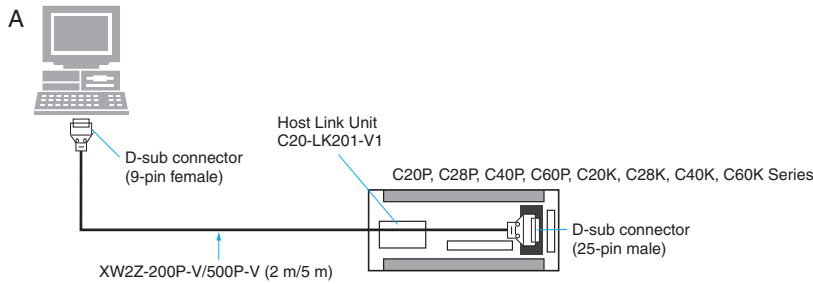
Connecting Cables for C120

A

D-sub connector
(9-pin female)

C-series
peripheral connector

Peripheral port

C120 Series

CQM1-CIF02 (3.3 m)

C200H-IP007

B

D-sub connector
(9-pin female)

D-sub connector
(25-pin male)

C20-LK201-V1
Host Link Unit

C120 Series

XW2Z-200P-V/500P-V (2 m/5 m)

Computer		Unit		Network Type (Serial Communications Mode)	Model	Cable length	Connection Types
PC port			Unit port				
PC/AT compatible	D-sub, 9-pin (male)	CPU Unit *1	Built-in peripheral port	Host Link	C200H-IP007 +CQM1-CIF02	3.3 m	A
		Host Link Unit *2 C120-LK201-V1 (3G2A6-LK201-EV1)	Built-in RS-232C port D-sub, 25-pin (female)		XW2Z-200P-V	2 m	B
					XW2Z-500P-V	5 m	B

*1. Production of the CPU Units was discontinued in March 2003.
*2. Production of the C120-LK201-V1 was discontinued in March 2006. (There is no recommended substitute product.)

OMRON

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Connecting a Computer Running Support Software (e.g., CX-Programmer) to a PLC

Connecting Cables for C20P/C28P/C40P/C60P[*1], C20K/C28K/C40K/C60K[*2]

A

Host Link Unit C20-LK201-V1

D-sub connector (9-pin female)

C20P, C28P, C40P, C60P, C20K, C28K, C40K, C60K Series

D-sub connector (25-pin male)

XW2Z-200P-V/500P-V (2 m/5 m)

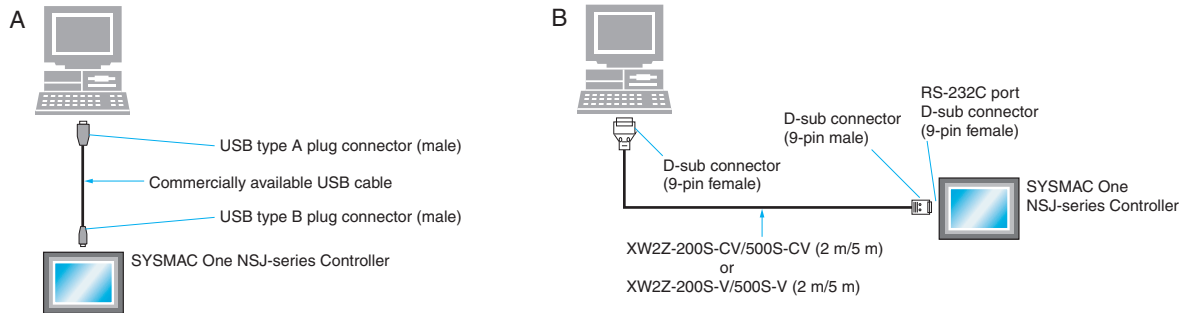| Computer		Unit		Network Type (Serial Communications Mode)	Model	Cable length	Connection Types
	PC port		Unit port				
PC/AT compatible	D-sub, 9-pin (male)	Host Link Unit [*3] [*4] C20-LK201-V1 (3G2C7-LK201-EV1)	Built-in RS-232C port D-sub, 25-pin (female)	Host Link	XW2Z-200P-V	2 m	A
					XW2Z-500P-V	5 m	

[*1]. Production of the C20P, C28P, C40P, and C60P CPU Units was discontinued in March 2002.
[*2]. Production of the C20K, C28K, C40K, and C60K CPU Units was discontinued in March 2002.
[*3]. For connection to C□□P PLCs, a Host Link Unit is also required in addition to a Connecting Cable.
[*4]. Production of the C20-LK201-V1 (3G2C7-LK201-EV1) was discontinued in March 2006. (There is no recommended substitute product.)

Connecting Cables for NSJ

A

USB type A plug connector (male)

Commercially available USB cable

USB type B plug connector (male)

SYSMAC One NSJ-series Controller

B

RS-232C port D-sub connector (9-pin female)

D-sub connector (9-pin male)

D-sub connector (9-pin female)

SYSMAC One NSJ-series Controller

XW2Z-200S-CV/500S-CV (2 m/5 m)
or
XW2Z-200S-V/500S-V (2 m/5 m)

Computer		Unit		Network Type (Serial Communications Mode)	Model	Cable length	Connection Types
	PC port		Unit port				
PC/AT compatible	USB A plug connector (male)	CPU	USB B plug connector (female)	USB	Commercially available USB cable (A plug connector (male) - B plug connector (male))	5 m maximum	A
	D-sub, 9-pin (male)		Built-in RS-232C port D-sub, 9-pin (female)	Peripheral bus or Host Link	XW2Z-200S-CV	2 m	B
					XW2Z-500S-CV	5 m	
				Host Link	XW2Z-200S-V	2 m	
					XW2Z-500S-V	5 m	