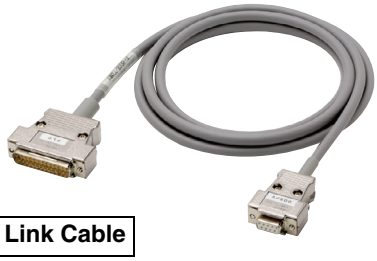
Host Link Cables (RS-232C Cables for Programmable Controller)

XW2Z-□□□P-V/S-V/S-CV/T

CSM_XW2Z-___P-V_S-V_S-CV_T_DS_E_1_1

Ideal Cables for between Programmable Controllers and Host Computers

SYSMAC PLC
- **CQM1**
- **C Series**
- **CV Series**
- **CVM1**



Host
- **Personal computer**
- **Factory Intelligent Terminal**
- **Programmable Terminal**

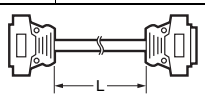
XW2Z Host Link Cable

Ordering Information

SYSMAC PLC Units	SYSMAC Host Link Cable (RS-232C Cable for Programmable Controllers)			Host
	Wiring patterns	Cable length L *	Model	
C20-LK201-V1 C500-LK203 C500-LK201-V1 C120-LK201-V1 C200H-LK201 CV500-LK201 (Port 1, full-duplex mode)	D-sub, 25-pin Plug / D-sub, 9-pin Socket PLC Connector Hood FG — Shield — Host Connector Hood FG FG 1 — 1 --- SD 2 — 2 RD RD 3 — 3 SD RS 4 — 4 ER CS 5 — 5 SG DR 6 — 6 DR SG 7 — 7 RS ⋮ ⋮ — 8 CS ER 20 — 9 ---	2 m	**XW2Z-200P-V**	Personal computer: IBM PC/AT or compatible
		5 m	**XW2Z-500P-V**	
C200HS-CPU31/33/21/23 CQM1-CPU21 CQM1-CPU41 CQM1-CPU42 CQM1-CPU43 CQM1-CPU44 CV500/1000/2000 CVM1 CV500-LK201 (Communications port 2) C200HE-CPU42 C200HG-CPU43/63 C200HX-CPU44/64 C200HW-COM02 C200HW-COM04 C200HW-COM05 C200HW-COM06 CPM1-CIF01	D-sub, 9-pin Plug / D-sub, 9-pin Socket PLC Connector Hood FG — Shield — Host Connector Hood FG --- 1 — 1 --- SD 2 — 2 RD RD 3 — 3 SD RS 4 — 4 ER CS 5 — 5 SG --- 6 — 6 DR --- 7 — 7 RS --- 8 — 8 CS SG 9 — 9 ---	2 m	**XW2Z-200S-V**	
		5 m	**XW2Z-500S-V**	
CJ-series CPU Units CS-series CPU Units Serial Communications Unit	D-sub, 9-pin Plug / D-sub, 9-pin Socket PLC Connector Hood FG — Shield — Host Connector Hood FG FG 1 — 1 --- SD 2 — 2 RD RD 3 — 3 SD RS 4 — 4 ER CS 5 — 5 SG --- 6 — 6 DR DR 7 — 7 RS ER 8 — 8 CS SG 9 — 9 ---	2 m	**XW2Z-200S-CV**	
		5 m	**XW2Z-500S-CV**	

SYSMAC PLC Units	Programmable Terminal (PT): NT20S Cable			Host
	Wiring patterns	Cable length L *	Model	
CQM1-CPU21 CQM1-CPU41 CQM1-CPU42 CQM1-CPU43 CQM1-CPU44 (Units with RS-232C port) C200HS-CPU31/33/21/23 CV500/1000/2000-CPU01 CVM1-CPU01/11 CV500-LK201 (Communications port 2) C200HE-CPU42 C200HG-CPU43/63 C200HX-CPU44/64 C200HW-COM02 C200HW-COM04 C200HW-COM05 C200HW-COM06 CPM1-CIF01	D-sub, 9-pin Plug / D-sub, 9-pin Plug PLC Connector Hood FG — Shield — Host Connector Hood FG --- 1 — 1 --- SD 2 — 2 SD RD 3 — 3 RD RS 4 — 4 RS CS 5 — 5 CS SG 9 — 9 SG	2 m	**XW2Z-200T**	Programmable Terminal (PT): NT20S NT600S/NT620S/ NT620C NT30/NT30C
		5 m	**XW2Z-500T**	

*Cable length L



Ratings and Specifications

Item Type	XW2Z-□P/S/T
Rated current	1 A
Rated voltage	125 VAC
Contact resistance	15 mΩ max. (at 20 mV, 100 mA max.) *1
Insulation resistance	100 MΩ min. (at 500 VDC)
Dielectric strength	500 VAC for 1 min (leakage current: 1 mA max.) *2
Degree of protection	IP00
Electrical protection class	Class 0
Ambient operating temperature	–25 to 80°C

*1. Contact resistance of the Connector.
*2. Dielectric strength of the Connector.

Materials and Finish

Item	Part name			Materials and finish
Connectors	XM2A-0901 XM2A-2501	Housing		Polyamide resin (UL94V-0)/milky white
		Contacts	Mating ends	Brass/nickel base, 0.2-μm gold plating
			Terminals	
		Shell		Steel/nickel plated
	XM2S-0911/2511	Housing		ABS resin/nickel plated
Cable	UL2464 Interface Cable			AWG28 or the equivalent

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2008.1

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