

# UniOP Cable Guide

This technical note is a complete guide to the selection of UniOP cables. It is divided in two parts: a list of all defined cables and a selection guide.

Note that all cable information is provided for reference purposes only: cables in the list may be not available for orders. It is recommended that you always check for the availability of a specific cable item.

## 1. List of UniOP Cables

Cable	Description	Interface	Notes
CA1	UniOP Programming Port to XT (DTE DB25S)	RS-232	
CA2	UniOP Programming Port to AT (DTE DE9S)	RS-232	
CA3			Reserved
CA4			Reserved
CA5	UniOP PLC Port to Simatic S5 Prog. Port	RS-485	Only -0020
CA6			Reserved
CA7	UniOP PLC Port to DTE DB25P	RS-232	
CA8	UniOP PLC Port to TI425/435 Prog. Port	RS-232	
CA9	UniOP PLC Port to TI425/435 Netw. Port	RS-422	
CA10	UniOP PLC Port to GE 90 Prog. Port	RS-422	
CA11	UniOP PLC Port to DTE DE9P	RS-232	
CA12	UniOP PLC Port to DTE DE9S	RS-232	
CA13	UniOP PLC Port to TI305-02 DCU	RS-232	
CA14	UniOP PLC Port to DCE DB25P	RS-232	
CA15	UniOP PLC Port to Matsushita FP1 Prog. Port	RS-422	
CA16	UniOP PLC Port to TI335 Prog. Port	RS-232	
CA17			Reserved
CA18	UniOP PLC Port to Square-D 500		
CA19	UniOP PLC Port to EAGLE ECOM		
CA20	UniOP PLC Port to 584 PLC MODBUS Port		
CA21			Reserved
CA22	UniOP PLC Port to TI555 Port 2	RS-422	
CA23	PLC Port to Siemens CP 524/525 (V24)	RS-232	
CA24			
CA25	UniOP PLC Port to A-B SLC500 Prog. Port	RS-485	
CA26	UniOP PLC Port to A-B AIC Peripheral Port		
CA27			
CA28			Reserved
CA29	UniOP PLC Port to A-B SLC500 AIC	RS-485	
CA30	UniOP PLC Port to Mitsubishi FXo Prog. Port	RS-422	
CA31	UniOP PLC Port to Mitsubishi FX Prog. Port	RS-422	
CA32	PLC Port to MELSEC A, A1S R2 Module	RS-232	

Cable	Description	Interface	Notes
CA33			Reserved
CA34			Reserved
CA35			Reserved
CA36			
CA37	UniOP PLC Port to DCE DE9S	RS-232	
CA38	UniOP PLC Port to DCE DE9P	RS-232	
CA39	UniOP PLC Port to DTE DB25S	RS-232	
CA40	UniOP PLC Port to DCE DB25S	RS-232	
CA41			Reserved
CA42	UniOP PLC Port to TI545 Port 2	RS-422	
CA43	UniOP PLC Port to SAIA PCD PGU	RS-232	
CA44	PLC Port to DCE DE9P	RS-232	
CA45	UniOP PLC Port to A-B PLC5 KE Module		
CA46	UniOP PLC Port to Matsushita FP3/FP5 Prog. Port	RS-422	
CA47			Reserved
CA48	UniOP PLC Port to IDEC PF2-CLA Adapter		
CA49	UniOP PLC Port to DTE 25P	RS-232	
CA50	UniOP PLC Port to Idec FA Series Prog. Port		
CA51	UniOP PLC Port to Hitachi H COM Port	RS-232	
CA52	UniOP PLC Port to Hitachi EM-II COM Port	RS-232	
CA53	UniOP PLC Port to FESTO FPC 101	RS-232	
CA54	UniOP PLC Port to FESTO SB 202 and SF3	RS-232	
CA55	UniOP PLC Port to FESTO FPC 405	RS-232	
CA56	UniOP PLC Port to GE Fanuc Micro PLC	RS-232	
CA57	UniOP PLC Port to SAIA PCD additional interfaces		
CA58	UniOP PLC Port to Omron CV-series Host Interface	RS-232	
CA59	UniOP PLC Port to Gidding & Lewis		
CA60	UniOP PLC Port to A-B PLC 5		
CA61	UniOP PLC Port to Keyence KV Prog. Port	RS-232	
CA62	UniOP PLC Port to Hitachi EC Prog. Port	RS-232	
CA63	UniOP PLC Port to Klockner Moeller PS 306 Prog. Port	RS-485	
CA64	UniOP PLC Port to Klockner Moeller PS 316 Prog. Port	RS-485	
CA65	UniOP PLC Port to Omron LK202 Host Link Unit	RS-232	
CA66	UniOP PLC Port to Mitsubishi A Series Prog. Port		
CA67	UniOP PLC Port to Toshiba Prog. Port		Only -0020
CA68	UniOP PLC Port to EMICON PLC Prog. Port	RS-232	
CA69			Reserved
CA70			Reserved
CA71	UniOP PLC Port to KOYO DL205 Series Prog. Port	RS-232	
CA72	UniOP PLC Port to Telemecanique SCG 116	RS-485	
CA73	UniOP PLC Port to TSI01 Bus Terminal and Converter	RS-232	
CA74	UniOP PC/Printer to TSI01 Bus Terminal and	RS-232	
CA75	UniOP PLC Port to TSI02 Bus Terminal	RS-485	
CA76	UniOP PLC Port to Idec Micro 3 and Schneider TSX	RS-485	
CA77	UniOP PLC Port to Modicon Micro	RS-232	
CA78	UniOP PLC Port to Omron CV-Series Host Interface	RS-422	
CA79			Reserved
CA80	UniOP PLC Port to Keyence KV300 (KV-L2 module)		

<b>Cable</b>	<b>Description</b>	<b>Interface</b>	<b>Notes</b>
CA81	PLC Port to DCE 9P, no handshake signals	RS-232	
CA82	UniOP PLC Port to Eagle Modbus Adapter		
CA83	UniOP PLC Port to Eagle 2 Comm Port		
CA84	UniOP PLC Port to Telemecanique SCM 21.16	RS-485	
CA85	UniOP PLC Port to Eagle Modbus Adapter		
CA86	UniOP PLC Port to Eagle Modbus Adapter		
CA87	UniOP PLC Port Samsung D50 / D300		
CA88	UniOP PLC Port to Toshiba Prog. Port	CL	Only -0042/45
CA89	CA5 Adapter	CL	Only -0042/45
CA90	UniOP PLC Port to GE CMM Port 2	RS-422	
CA91	PLC Port to GE CMM Port 1 or Port 2	RS-232	
CA92	UniOP PLC Port to K-M PS4-201-MM1 PRG Port	RS-232	
CA93	UniOP PLC Port to SattCon COMLI Port	RS-485	
CA94	UniOP PLC Port to Telemecanique TSX 17 Prog. Port	RS-485	
CA95	UniOP PLC Port to A-B MicroLogix Prog. Port	RS-232	
CA96	UniOP PLC Port to Simatic S7-200	RS-485	
CA97	UniOP PLC Port to Simatic S5 PG Port	CL	Only -0042/45
CA98	UniOP PLC Port to Modicon Modbus Multiplexer	RS-232	
CA99	UniOP PLC Port to Matsushita FP/M Prog Port	RS-232	
CA100	UniOP PLC Port to Idec Micro 1 Prog. Port		
CA101	UniOP PLC Port to Telemecanique TSX LES64	RS-485	
CA102	UniOP PLC Port to Telemecanique TSX SCA 62	RS-485	
CA103	UniOP PLC Port to Telemecanique TSX 47 Prog. Port		
CA104	UniOP PLC Port to TI 545/555 CPU 1102/1103 Port 2	RS-422	
CA105	Aux Port to Klockner Moeller PS4-200 Suconet K	RS-485	Only -0045
CA106	UniOP PLC Port to Toshiba T1 Prog. Port	RS-232	
CA107	UniOP PLC Port to Philips P8 COM 1 Port	RS-485	
CA108			Reserved
CA109	UniOP PLC Port to EBERLE PLS 514 and K43	RS-232	
CA110	UniOP PLC Port to EBERLE PLS 514 and K43	CL	Only -0042/45
CA111	UniOP PLC Port to CSI Process Control Unit		
CA112	UniOP PLC Port to IPM	RS-232	
CA113	UniOP Programming Port to XT (DTE DB25S)	RS-232	Passthrough
CA114	UniOP Programming Port to AT (DTE DE9S)	RS-232	Passthrough
CA115			
CA116	UniOP PLC Port to Unidrive	RS-422	
CA117	UniOP PLC Port to HC200 Controller	RS-485	
CA118	Point to Point UniNET Connection	RS-232	
CA119	UniOP Printer Port to Alfapanel Printer	RS-232	
CA120	UniOP PLC Port to K-M SUCONET K	RS-485	Only -0043
CA121	UniOP PLC Port to TI 545 CPU 1103 Port 2	RS-232	
CA122	PLC Port to Compumotor Zeta 6104 COM1	RS-232	
CA123	PLC Port to Toshiba T2 Computer Link Port	RS-422	
CA124	PLC Port to Altus (No Handshaking)	RS-232	
CA125	PLC Port to Altus (Handshaking)	RS-232	
CA126	UniOP PLC Port to Omron CPM1 Link Unit	RS-422	
CA127	UniOP PLC Port to Control Techniques Diverter B		
CA128	UniOP Aux Port to Simatic S7 MPI and Profibus	RS-485	Only -0045

<b>Cable</b>	<b>Description</b>	<b>Interface</b>	<b>Notes</b>
CA129	UniOP PLC Port to Crouzet RPXC3-UT Interface	RS-232	
CA130	UniOP PLC Port to Mitsubishi R4 Module		
CA131	UniOP PLC Port to Control Techniques Dinverter A		
CA132	UniOP PLC Port to Hitachi H-252C Port 2	RS-232	
CA133	UniOP PLC Port to Siemens MXT AS511	CL	Only -0042/45
CA134			
CA135			
CA136	PLC Port to KM PS416 Suconet K	RS-485	Only -0043
CA137	Aux Port to KM PS416 Suconet K	RS-485	Only -0045
CA138	PLC Port to Idec Micro 3C Loader Port	RS-232	
CA139	PLC Port to Z-World Little Star		
CA140	PLC Port to BCM Controller		
CA141	PLC Port to SEW Eurodrive	RS-485	
CA142	PLC Port to SAIA PCD1 PGU Port	RS-232	
CA143	PLC Port to Eurotherm controller	RS-422	
CA144			
CA145	PLC Port to TI555 CPU 1103 Port 1	RS-232	
CA146	PLC Port to Koyo DL250 Port 2		
CA147	PLC Port to FESTO FEC COM Port	RS-232	
CA148	Programming Port to Modem	RS-232	
CA149	Aux Port to CAN		Only -0045
CA150	Aux Port to DeviceNet		Only -0045
CA151	PLC Port to Mitsubishi A Prog. Port		Includes Conv.
CA152	PLC Port to OPTO22 Mistic Controller		
CA153	PLC Port to Siemens CP 524	RS-422	
CA154			
CA155	PLC Port to Hitachi EH150	RS-232	
CA156	PLC Port to SattCon COMLI	RS-232	
CA157	PLC Port to CTC	RS-232	
CA158	PLC Port to Atlas Copco DMC	RS-232	
CA159	PLC Port to Idec Micro 3C Data Link Port	RS-485	
CA160	PLC Port to SEW Movitrac	RS-485	UST11A

## 2. UniOP Cable Selection Guide

Manufacturer	Product	Notes	Cable
ABB	CS31		CA44
	T200		CA51
Allen-Bradley	1747KE DF1 Module		CA12
	DeviceNet		CA150
	MicroLogix		CA95
	PLC-5		CA60
	PLC-5		CA7
	PLC-5 KE Module		CA45
	SLC 5/03 and 5/04		CA12
	SLC 500	Prog. Port	CA25
	SLC 500 AIC Module	DH-485 Network	CA29
	SLC 500 AIC Module	Peripheral Port	CA26
Altus	AL 2000 Series	No Handshaking	CA124
	AL 2000 Series	Handshaking	CA125
BCM	BCM Controller		CA140
Compumotor	Zeta Drive		CA122
Control Techniques	Dinverter A		CA131
	Dinverter B		CA127
	UniDrive		CA81
	Unidrive & Quantum III		CA116
Crouzet	RPX10, RPX30	RPXC3-UT Interface	CA129
CSI	Process Control Unit		CA111
CTC	CTC Controller		CA157
Eagle Signal	Eagle 2 Comm Port		CA83
	Eagle ECOM		CA19
	Eagle Modbus Adapter		CA81
	Eagle Modbus Adapter		CA85
	Eagle Modbus Adapter		CA82
	Eagle Modbus Adapter		CA86
Eberle	PLS514 & K43		CA110
	PLS514 & K43		CA109
Festo	FEC	COM Port	CA147
	FPC 101		CA53
	FPC 405		CA55
	IPC		CA12
	SB 202 and SF3		CA54
Galil	DMC 1500		CA81

<b>Manufacturer</b>	<b>Product</b>	<b>Notes</b>	<b>Cable</b>
GE Fanuc	CMM Port 1 and 2		CA91
	CMM Port 2		CA90
	IC690ACC900 Converter		CA14
	Micro PLC		CA56
	Series 1 DCU		CA7
	Series 1 DCU		CA13
	Series 90 Prog. Port		CA10
Gidding & Lewis	Gidding & Lewis Modbus		CA59
Hitachi	EC Series	COM Port	CA62
	EH-150	Port 1 & Port 2	CA155
	EM II	COM Port	CA52
	H Series	COM Port	CA51
	H-252C	Port 2	CA132
Idec Izumi	FA Series	Progr. Port	CA50
	Micro 1	Progr. Port	CA100
	Micro 3	Progr. Port	CA76
	Micro 3C	Loader Port	CA138
	Micro 3C	Data Link Port	CA159
	PF2-CLA Link Adapter		CA48
	PF3S-S1F2 Module		CA12
ifm electronic	AS/I Controller		CA12
IPM	IP1612L		CA112
Keyence	Keyence KV		CA61
	KV300 KV-L2 Module		CA80
Klockner Moeller	PS306	Progr. Port	CA63
	PS316	Progr. Port	CA64
	PS316	Suconet K	CA137
	PS4-100	Suconet K1	CA105
	PS4-150	Progr. Port	CA92
	PS4-200	Suconet K	CA105
	PS4-200	Progr. Port	CA92
	PS416	Progr. Port	CA55
	PS416	Suconet K	CA137
PS416	Progr. Port	CA64	
Koyo	DL205 Series		CA71
	DL305 Series		CA16
	DL405 Series	Network Port	CA7
	DL405 Series	Progr. Port	CA8
	DL405 Series	Network Port	CA9
Matsushita	FP1	Progr. Port	CA15
	FP1	RS-232 Port	CA44
	FP10SH	TOOL & COM Port	CA44
	FP3	Progr. Port	CA46
	FP5	Progr. Port	CA46
	FPM	Progr. Port	CA99

<b>Manufacturer</b>	<b>Product</b>	<b>Notes</b>	<b>Cable</b>
Mitsubishi	A Series	Progr. Port	CA66
	FX		CA31
	FX0		CA30
	FX0N		CA30
	FX0S		CA30
	FX2N		CA30
	Melsec R2 Module		CA32
Modicon Modbus	Modbus Multiplexer		CA98
	Modbus Port		CA24
	Modbus Port		CA11
	Modbus Port		CA7
	Modicon Micro		CA77
Mycom	MAC300		CA81
Omron	C Series	LK201 Link Unit	CA7
	C Series	LK202 Link Unit	CA65
	C200HS		CA58
	C20H - C60H		CA44
	CPM1	Link Unit	CA126
	CPM1	CPM1-CIF01	CA58
	CQM Series		CA58
	CV Series	Host Interface	CA78
	CV Series		CA58
Philips	P8	COM 1 Port	CA107
SAIA	PCD1	PGU Port	CA142
	PCD2, PCD4, PCD6	PGU Port	CA43
Samsung	D50 - D300		CA87
SattControl	SattCon	Progr. Port	CA93
	SattCon	Prog. Port	CA156
Schneider	AEG A120 TSX Compact	Prog. Port	CA55
	AEG A120 TSX Micro	Prog. Port	CA77
	TSX07 Nano		CA76
	TSX17	SCG 116	CA72
	TSX17	Progr. Port	CA94
	TSX37 Micro	TER & AUX Port	CA76
	TSX47	LES 64	CA101
	TSX47	Progr. Port	CA103
	TSX57 Premium	TER & AUX Port	CA76
Uni-Telway	SCA 62	CA102	
SEW Eurodrive	Movidrive	Module USS11A	CA81
	Movidyn	X02 and X41	CA141
	Movitrac		CA141
	Movitrac	Module UST11A	CA160

<b>Manufacturer</b>	<b>Product</b>	<b>Notes</b>	<b>Cable</b>
Siemens	Profibus DP		CA128
	SIMATIC S5	PG Port	CA97
	SIMATIC S5 CP 524	RS-422 module	CA153
	SIMATIC S5 CP 524	RS-232 module	CA23
	SIMATIC S7-200	PPI Port	CA96
	SIMATIC TI 305-03	DCU	CA7
	SIMATIC TI 305-2	DCU	CA13
	SIMATIC TI 335	Progr. Port	CA16
	SIMATIC TI 405 Series	Progr. Port	CA8
	SIMATIC TI 435	Network Port	CA9
	SIMATIC TI 435	Network Port	CA7
	SIMATIC TI 505	Progr. Port	CA12
	SIMATIC TI 545 CPU 1101	Port 2	CA42
	SIMATIC TI 545 CPU 1103	Port 2	CA104
	SIMATIC TI 545 CPU 1103	Port 2	CA121
	SIMATIC TI 555	Port 2	CA22
Square D	SY/MAX 300, 400, 500		CA18
	SY/MAX 50		CA50
Toshiba	M20, M40, EX100, EX250	Progr. Port	CA88
	T1	Progr. Port	CA106
	T2	Progr. Port	CA12
Warner Electric	SLO-SYN 2000 Series		CA81
Westinghouse	PC50, PC55, PC500	Progr. Port	CA5
	PC700, PC900, PC1100,	Progr. Port	CA39
Yaskawa	GL60S, GL20, U84, R84H-M		CA36
Z-World	Little Star		CA139