# UniOP Cable Guide

## UniOP Programming Cables
CA1 (DB25S-RS232) for programming the UniOP with PC
CA2 (DB9S-RS232) for programming the UniOP with PC
CA118 (RS-232) point to point UniNET cable
MDGEND 15-pin f/f gender changer for MD01R-02

## Allen Bradley
CA7 (DB25P-RS232) PLC-5 ASCII/DF1 port
CA12 (DE9S-RS232) SLC503/4 or 1747KE DF1 module
CA25 (RJ45-RS485) SLC500 prog. port
CA26 (RJ45-RS485) AB SLC500 AIC module peripheral port
CA29 (AIC Connector-RS485) AB SLC500 AIC module
CA45 (DA15P-RS232) AB PLC5 KE module
CA60 (DB25P-RS422) PLC5 RS422
CA95 (DE9P-RS232) MicroLogix

## Alfapanel Printers
CA119 (RS-232) Printer cable

## Altus
CA124 (DE9P RS-232) AL2000 Series, No Handshaking
CA125 (DE9P RS-232 AL2000 Series, Handshaking

## Compumotor
CA122 (Screw terminal RS232) Zeta Drive

## Control Techniques
CA81 (DE9P RS232) Unidrive
CA116 (DB9S RS422) Unidrive and Quantum III

## CSI
CA111 (DB9S-RS232) Process Control Unit

## Eagle Signal
CA19 (No connector-RS485) Eagle Ecom
CA81 (DB9P-RS232) Eagle Modbus Adapter
CA82(RJ12-RS232) Eagle Modbus Adapter
CA83(RJ45-RS485) Eagle 2 Comm port
CA85(RJ11-RS485) Eagle Modbus Adapter
CA86(RJ11-RS422) Eagle Modbus Adapter

## Eberle
CA109 ( -RS232) PLS514
CA110 ( -20mA) PLS514

## Festo
CA53 (DIN C32-RS232) Festo FP101
CA54 (Binder Series 713-RS232) Festo SB 202, SF3
CA55 (DE9P-RS232) Festo FP 405
CA12 (DE9S-RS232) Festo IPC

## GE Fanuc Series
CA7 (DB25P-RS232) GE DCU (direct connection unit)
CA10 (DA15P-RS422) GE 90 prog. port
CA13 (DB25P-RS422) GE Series 1 DCU
CA14 (DB25P-RS232) GE RS422/232 Converter IC690ACC900
CA56 (RJ11-RS232) GE Fanuc Old Micro PLC
CA90 (DB25P-RS422) GE CMM Port 2 only
CA7 (DB25P-RS232) GE CMM Port 1 or 2

## Gidding & Lewis
CA59 (Morsbl401-RS232) Gidding & Lewis MODBUS

## Hitachi
CA51 (DA15P-RS232) Hitachi H Com port
CA52 (DE9P-RS232) Hitachi EM11 Com port
CA62 (Mini-DIN8P-RS232) Hitachi EC prog. Port
CA132 (Mini-DIN8P-RS232) Hitachi H-252C Port 2
CA155 (Modular 8 pin-RS-232) Hitachi series EH-150

## Idec Izumi FA
CA12 (DE9S-RS232) Idec PF3S-S1F2 Module
CA48 (DB25M-RS232) Idec PF2-CLA link adapter
CA50 (IDEC connector) Idec FA-1J / FA2J
CA76 (Mini-DIN8P-RS485) Idec MICRO3 prog. port
CA100 ( ) Idec Micro 1

## ifm electronic
CA12 (DE9S-RS232) ifm AS/I controller prog port

## IPM
CA112 (DA15S-RS232)

## Keyence
CA61 (RJ11-6pin-RS232) Keyence KV prog. port
CA80 (Open Wire-RS422) KV300 (KV-L2 Module)

## Klockner Moeller
CA63 (Mini-DIN5P-RS485) PS 306 prog. port

CA64 (DE9P-RS485) PS 316 prog. port
CA92 (DIN 8P-RS232) PS4-201-MM1 prog. port
CA105 (DIN 5P - RS-485 ) PS4 201 Suconet K

## Koyo
CA71 (RJ12-RS232) Koyo DL205 Series
CA16 (RJ11-RS232) Koyo DL305 Series
CA7 (DB25P-RS232) Koyo DL405 Series network port
CA8 (DB15P-RS232) Koyo DL405 Series prog. port
CA9 (DB25P-RS422) Koyo DL405 Series network port

## Matsushita
CA15 (HR12m-RS422) FP1 prog. port
CA44 (DE9P-RS232) FP1
CA46 (DE9P-RS422) FP3 FP5 prog. port
CA99 (Mini-DIN5P-RS232) FPM prog. port

## Modicon Modbus
CA7 (DB25P-RS232) Modicon Modbus port
CA11 (DE9P-RS232) Modicon Modbus port
CA20 (24 pin MC-RS232) Modicon Modbus port
CA77 (RS232) Modicon Micro
CA98 (DE9P-RS232) Modbus Muliplexer
KA1000 (RS-422) Eurotherm

## Mitsubishi
CA30 (Mini-DIN8P-RS422) FX0 series prog. port
CA31 (DB25P-RS422) FX series prog. port
CA32 (DE9P- RS232) Melsec A, A1S R2 Module
CA66 (DB25P-RS232 & RS422) prog. port

## Mycom
CA81 (DE9P-RS232) MAC 300

## Omron C Series
CA7 (DB25P-RS232) C120, C200H or LK201 module
CA44 (DE9P-RS232) C2H, C20H, C28H, C40H, C60H
CA58 (DE9P-RS232) CV Series host, CQM series, and C200HS
CA65 (DE9P-RS422) Omron LK202 host link unit
CA78 (DE9P-RS422) Omron CV-Series host interface

## Philips
CA107 ( -RS422) PPCCOM Port 1

## SAIA
CA43 (DE9P-RS232) SAIA PCD4 PGU

## Samsung
CA87 (DE9P-RS485) D50 and D300

## Siemens Simatic
CA5 (DA15P-20mA) Simatic S5 prog. port
CA23 (RS232 ) CP unit 3964R protocol
CA24 (20mA) CP unit 3964R protocol
CA89 (29mA) Adapter to connect panel type xx42 to CA5
CA96 (DE9S-RS485) S7 (200,300,and 400) &Profibus prog. port
CA97 (DB9P-20mA) S5 prog. port (New UniOP type 0042 only)

## Simatic TI Series
CA7 (DB25P-RS232) TI 305-03 DCU and TI 435 network port
CA8 (DA15P-RS232) TI 425/435 prog. port
CA9 (DB25P-RS422) TI 435 network port
CA12 (DE9S-RS232) TI 505
CA13 (DB25P-RS422) TI 305-02 DCU Direct Connection Unit
CA16 (RJ11-RS232) TI 335 prog. port
CA22 (DB9P-RS422) TI 555 port 2
CA42 (DE9P-RS422) TI 545 port 2
CA49 (DB25P-RS232) TI 505
CA104 (DE9S-RS422) TI 545/555 port 2

## Square D
CA18 (DB9P-RS422) Square D 300/400/500
CA48 (DB25M-RS232) Square D 50

## SLO-SYN
CA81 (DB9P-RS232) SLO-SYN 2000

## Telemecanique
CA72 (DA15P-RS485) Unitelway Coupler
CA84 (DB25P-RS485) TSX SCM 21-6
CA94 (DA15P-RS485) TSX 17 prog. port
CA101 (-RS485) TSX47 LES64
CA102 (DA15P-RS485) SCA62
CA103 ( ) TSX47 prog. port
CA108 (-RS485) TSX47 UTW port

## Toshiba
CA12 (DE9S-RS232) T2 prog. port
CA88 (-20 mA) prog. port

## Westinghouse PC
CA5 (DA15P-20mA) PC50/PC55/PC500 prog. port
CA39 (DB25S-RS232) PC700/PC900/PC1100/PC1200 prog. port

| Cable | Description | Notes |
|---|---|---|
| CA1 | UniOP Programming Port to XT RS-232 (DTE DB25S) | |
| CA2 | UniOP Programming Port to AT RS-232 (DTE DE9S) | |
| CA5 | UniOP PLC Port to Simatic S5 Prog. Port - 20 mA | |
| CA7 | UniOP PLC Port to DTE DB25P - RS-232 Port | |
| 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-422 | |
| 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 | |
| CA18 | UniOP PLC Port to Square-D 500 - RS-422 | |
| CA19 | UniOP PL:C Port to EAGLE ECOM - RS-485 | |
| CA20 | UniOP PLC Port to 584 PLC MODBUS Port | |
| CA22 | UniOP PLC Port to TI555 Port 2 - RS-422 | |
| CA25 | UniOP PLC Port to A-B SLC500 Prog. Port - RS-485 | |
| CA26 | UniOP PLC Port to A-B AIC Peripheral Port - RS-485 | |
| 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 | UniOP PLC Port to MELSEC A, A1S R2 Module - RS232 | |
| 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 | |
| CA42 | UniOP PLC Port to TI545 Port 2 - RS-422 | |
| CA43 | UniOP PLC Port to SAIA PCD PGU - RS-232 | |
| CA44 | UniOP PLC Port to DCE DE9P - RS-232 | |
| CA45 | UniOP PLC Port to A-B PLC5 KE Module - RS-232 | |
| CA46 | UniOP PLC Port to Matsushita FP3/FP5 Prog. Port - RS-422 | |
| CA48 | UniOP PLC Port to IDEC PF2-CLA Adapter - RS-232 | |
| CA49 | UniOP PLC Port to DTE 25P - RS-232 | TI505 25 pin |
| 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 - RS-232 | |
| 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 - RS-422 | |
| CA61 | UniOP PLC Port to Keyence KV Prog. Port - RS-232 | |
| CA62 | UniOP PLC Port to Hitachi EC Prog. Port - RS-232 | |

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|---|---|---|
| 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-422 | |
| CA66 | UniOP PLC Port to Mitsubishi A Series Prog. Port - RS-422 | |
| CA67 | UniOP PLC Port to Toshiba Prog. Port - Current Loop | |
| CA68 | UniOP PLC Port to EMICON PLC Prog. Port - RS-232 | |
| 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 Converter - RS-232 | |
| CA75 | UniOP PLC Port to TSI02 Bus Terminal - RS-485 | |
| CA76 | UniOP PLC Port to IDEC MICRO3 and Telemecanique TSX07 Prog. Port - RS-485 | |
| CA77 | UniOP PLC Port to Modicon Micro - RS-232 | |
| CA78 | UniOP PLC Port to Omron CV-Series Host Interface - RS-422 | |
| CA80 | UniOP PLC Port to Keyence KV300 (KV-L2 module) - RS-422 | |
| CA81 | UniOP PLC Port to SLO-SYN 2000 Series & Eagle Modbus Adapter - RS-232 | |
| CA82 | UniOP PLC Port to Eagle Modbus Adapter - RS-232 | |
| CA83 | UniOP PLC Port to Eagle 2 Comm Port - RS-485 | |
| CA84 | UniOP PLC Port to Telemecanique SCM 21.16 - RS-485 | |
| CA85 | UniOP PLC Port to Eagle Modbus Adapter - RS-485 | |
| CA86 | UniOP PLC Port to Eagle Modbus Adapter - RS-422 | |
| CA87 | UniOP PLC Port Samsung D50 / D300 - RS-485 | |
| CA88 | UniOP PLC Port to Toshiba Prog. Port - Current Loop | Only for -0042 |
| CA89 | CA5 Adapter | Only for -0042 |
| CA90 | UniOP PLC Port to GE CMM Port 2 - RS-422 | |
| 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 Profibus Connector - RS-485 | |
| CA97 | UniOP PLC Port to Simatic S5 PG Port - CL 20 mA | Only for -0042 |
| 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 Port 2 - RS-422 | New PLC models |
| CA105 | UniOP PLC Port to Klockner Moeller SUCONET K - RS-485 | Only for -0043 |
| CA106 | UniOP PLC Port to Toshiba T1 Prog. Port - RS-232 | |
| CA107 | UniOP PLC Port to Philips P8 COM 1 Port - RS-422 | |
| CA108 | UniOP PLC Port to Telemecanique TSX 47 UTW Port - RS-485 | |
| CA109 | UniOP PLC Port to EBERLE PLS 514 and K43 - RS-232 | |
| CA110 | UniOP PLC Port to EBERLE PLS 514 and K43 - CL 20 mA | Only for -0042 |
| CA111 | UniOP PLC Port to CSI Process Control Unit | |
| CA112 | UniOP PLC Port to IPM - RS-232 | |