Alphabetical Price List
Niobrara R & D Corporation

Part #	Description	List Price
AB500K	Allen-Bradley® SLC 500® programming cable plus SD034B 25-pin to 9-pin adapter	$ 449.00
BB85+	Breakout box; RJ45 to terminal block; terminal block is removable with screw terminals (PowerLogic pinout); DIN-rail mount; includes MM0 cable to connect to RJ45 RS-485 serial port	$ 145.00
CM50F	Model 50/IDEC female connector with backshell	$ 20.00
CM50M	Model 50/IDEC male connector with backshell	$ 20.00
DC1	9-pin SY/MAX differential cable (six-foot CC100 equivalent); DB9P to DB9P	$ 150.00
DC2	SY/MAX differential cable with handshaking; DB9P to DB9P (CC104 equivalent)	$ 150.00
DC6	M1/M1E PLC to SY/MAX RS-485/422 cable, DB9 male with jack screws to DB9 male with one-piece slide lock	$ 150.00
DC7	9-pin SY/MAX differential cable (six-foot CC106 or CAB107 equivalent); DB9P to stripped/tinned	$ 150.00
DC8	Cable 9-pin female SY/MAX pinout port with slide lock posts, stripped and tinned at the other end, connect CAB107 to a PEN-T or SC902 to a PEN	$ 150.00
DDC2I	RS-232 to RS-422/485 data-level converter; isolated; RJ45 RS-232 connector; DB9 and removable screw terminal RS-485 connectors; DIN-rail mount; includes TR92W 110 volt wall transformer and MM0 cable for multidropping RS-485 devices off of a CNOE, CNOS, CUCM, MUCM, or QUCM RS-232 port	$ 560.00
DDC2I-3	DDC2I with MM3 cable, multidrop RS-485 devices off of a Quantum or A-series Compact RS-232 DB9 port	$ 560.00
DDC2I-5	DDC2I with MM5 cable for multidropping RS-485 devices off of a PC COM: port	$ 560.00
DDC2I-6	DDC2I with MM6 cable for multidropping RS-485 devices off of a 25-pin Modem port	$ 560.00
DDC2I-11	DDC2I with MM11 cable for multidropping RS-485 devices off of a PC COM port with DCD jumpered	$ 560.00
DDC2I-NT	DDC2I with MM0 cable; without transformer; requires 9-24VDC, 1.6 Watts maximum	$ 500.00
DE1	9-pin SY/MAX Differential Extension Cable; DB9S to DB9P	$ 150.00
DE9C	DE9 female connector with backshell and slide lock posts	$ 35.00
DE9P	DE9 male connector with backshell and one-piece slide lock	$ 35.00
DEB+101	DIN-Rail mount Serial to Ethernet Bridge with two isolated selectable RS-232/RS-485 ports and one 100BaseTx Ethernet port, LCD, keypad	$ 2,800.00
DEB+201	DIN-Rail mount Serial to Ethernet Bridge with two isolated selectable RS-232/RS-485 ports and two 100BaseTx Ethernet ports, LCD, keypad	$ 3,770.00
DUCM+102	DIN-Rail mount Universal Communication Module with two isolated selectable RS-232/RS-485 ports and one 100BaseTx Ethernet port, LCD, keypad; protocol converter, data concentrator, or user-programmed module	$ 3,750.00

Part #	Description	List Price
DUCM+202	DIN-Rail mount Universal Communication Module with two isolated selectable RS-232/RS-485 ports and two 100BaseTx Ethernet ports, LCD, keypad; protocol converter, data concentrator, or user-programmed module	$ 4,710.00
EN1	ThinWire Ethernet cable (six-foot CC601 equivalent)	$ 99.00
EN611	ThinWire Ethernet cable end (CC611 equivalent)	$ 45.00
EN612	ThinWire Ethernet cable T-connector (CC612 equivalent)	$ 45.00
EN613	ThinWire Ethernet cable terminator (CC613 equivalent)	$ 45.00
EN614	ThinWire Ethernet cable extension or barrel (CC614 equivalent)	$ 45.00
EPE6+T	Ethernet Port Expander with four DB9 RS-485 ports, two 100BaseTx Ethernet ports, LCD, keypad, rack addressable, 16-bit SY/MAX rack interface.	$ 4,999.00
FA422P	Model 50 (no echo) or IDEC FA Series to RS-422 (SY/MAX or Spectrum Operator Interface) converter cable with slide locks	$ 380.00
FA422S	Model 50 (no echo) or IDEC FA Series to RS-422 (SY/MAX or Spectrum Operator Interface) converter cable with screw locks	$ 380.00
HCB10	Model 50 to PR4 handheld cable (six-foot LCB10 equivalent)	$ 99.00
HCB15	Micro-1 to PR4 handheld cable (six-foot LCB15 equivalent)	$ 99.00
MEBII-001	DIN-Rail mount Modbus Plusï to Ethernet Bridge; redundant cable Modbus Plusï port, 100BaseTx Ethernet port, two selectable RS-232/RS-485 ports, LCD, keypad. Control Expert compatible, non-RoHS Compliant	$ 4,620.00
MEBII-201	DIN-Rail mount Modbus Plusï to Ethernet Bridge; redundant cable Modbus Plusï port, two100BaseTx Ethernet ports, two selectable RS-232/RS-485 ports, LCD, keypad. Control Expert compatible, non-RoHS Compliant	$ 5,588.00
MM0	CNOE, CUCM, CNOS, E-series Compact, M1/M1E, or QUCM RS-232 port to DDC2I cable; RJ45 to RJ45	$ 99.00
MM1	CNOE, CUCM, CNOS, E-series Compact, M1/M1E, or QUCM RS-232 port to PC COM: port cable; RJ45 to DB9S	$ 99.00
MM2	CNOE, CUCM, CNOS, E-series Compact, or QUCM RS-232 port to A-series Compact cable; RJ45 to DB9P	$ 99.00
MM3	DDC2I to A-series Compact or QUCM RS-232 port cable; RJ45 to DB9P; Also makes A-series Compact, M1/M1E, or QUCM port look like a PC COM: port	$ 99.00
MM4	CNOE, CUCM, CNOS, E-Series Compact, M1/M1E, or QUCM RS-232 port to modem cable; RJ45 to DB25P	$ 99.00
MM5	DDC2I to PC COM: port RS-232 cable; RJ45 to DB9S	$ 99.00
MM6	DDC2I to modem RS-232 cable; RJ45 to DB25P	$ 99.00
MM7	CNOE, CUCM, CNOS, Momentum JNN 210 32 option adapter, or QUCM RS-485 port to SY/MAX port cable; RJ45 to DB9P	$ 99.00
MM8	CNOE, CUCM, CNOS, Momentum JNN 210 32 option adapter, or QUCM RS-485 port to SY/MAX cable-end cable; RJ45 to DB9S; makes RS-485 port look like a SY/MAX port	$ 99.00
MM9	CNOE, CUCM, CNOS, E-series Compact, M1/M1E, or QUCM RS-232 port to modem cable; RJ45 to DB25P; uses DCD for carrier detect (consult factory before ordering)	$ 99.00
MM10	QUCM to GAS Micro cable, RJ45 to 10-pin header	$ 99.00
MM11	DDC2I to PC COM: port cable with DCD jumpered, RJ45 to DB9S	$ 99.00

Part #	Description	List Price
MM12	QUCM, CUCM, or CNOS RS-232 to modem cable, RJ45 to DB25P, module RTS and CTS connected to modem DTR and DCD	$ 99.00
MM13	Magelis 25-pin to E-series Compact, Momentum or QUCM RS-232 port cable; RJ45 to DB25P	$ 99.00
MM15	MUCM RS-232 port to DDC2I RS-232 port cable; screw terminal to RJ45	$ 99.00
MM16	QUCM RS-232 to Caterpillar CCM cable, RJ45 to DB25S	$ 99.00
MM17	CEV-300 to 984A RS-232 cable, RJ45 to DB25P	$ 99.00
MU1	MUCM RS-232 port to PC COM: port cable; screw terminal to DB9S	$ 110.00
MU2	MUCM RS-232 port to Quantum or Compact DB9 port cable; screw terminal to DB9P	$ 110.00
MU3	Cable, makes an MUCM RS-232 port look like a PC COM: port; screw terminal to DB9P	$ 110.00
MU4	MUCM RS-232 port to modem cable; screw terminal to DB25P	$ 110.00
MU7	MUCM RS-485 port to SY/MAX port cable; screw terminal to DB9P	$ 110.00
MU8	Cable, MUCM RS-485 port to SY/MAX cable-end; screw terminal to DB9S; makes MUCM port look like a SY/MAX port	$ 110.00
MU9	MUCM RS-232 port to QUCM or Momentum PLC or Compact PLC cable; screw terminal to RJ45	$ 110.00
MU10	MUCM RS-485 port to QUCM or Momentum PLC cable; screw terminal to RJ45	$ 110.00
MU11	MUCM RS-485 port to Momentum PLC cable; screw terminal to DB9P	$ 110.00
MU12	MUCM RS-232 port to modem cable; screw terminal to DB25P with MUCM RTS & CTS connected to Modem DCD & DTR	$ 110.00
MU13	MUCM RS-232 to 9-pin PC cable with DCD & DTR; screw terminal to DB9S	$ 110.00
MU14	MUCM RS-232 to 9-pin Modem cable with DCD & DTR; screw terminal to DB9P	$ 110.00
MU16	MUCM RS-232 port to Caterpillar CCM cable; screw terminal to DB25S	$ 110.00
MU17	MUCM RS-232 to 25-pin Mitsubishi UPS cable; screw terminal to DB25P	$ 110.00
MU20	MUCM RS-232 to 9-pin Multi-Tech modem cable with DCD, DTR; cable; screw terminal to DB9P	$ 110.00
MUCM+303	Momentum Base Universal Communication Module; protocol converter, data concentrator, or user-programmed module. Two isolated serial ports with removable screw-terminal connectors, independently selectable to RS-232 or RS-485, LCD, keypad. Works with all Momentum communication adapters and processors. Preloaded with MRPC application	$ 2,100.00
NC3	Three-position green screw terminal connector for MST two-wire ports or MUCM+30x power connector	$ 20.00
NC5	Five-position green screw terminal connector for ASC, CTNA, DDC2I, DEB, DUCM, ECM-RM, ENA (five position), MEBII, MST, MUCM, or PEN-T-SA four-wire; side wire entry	$ 25.00
NC5-T	Five-position green screw terminal connector for BB85, CTOI, or EDI (five position); top wire entry	$ 25.00
NCB10	Model 50 to RIU-10 cable (FCB10 equivalent)	$ 99.00
NCB15	Micro-1 to RIU-10 Cable (six-foot FCB15 equivalent)	$ 99.00
NCB35	Micro-1 to PR3 handheld cable (six-foot LCB70 equivalent)	$ 99.00

Part #	Description	List Price
NCB45	Model 50 to PR3 handheld cable (LC30 equivalent)	$ 99.00
NS211	SY/NET cable end (CCK211 equivalent)	$ 120.00
NS212	SY/NET cable T-connector (CCK212 equivalent)	$ 306.00
NS213	SY/NET cable terminator (CCK213 equivalent, one only)	$ 120.00
NS214	SY/NET cable extension or barrel (CCK214 equivalent)	$ 120.00
NS215	SY/NET cable bulkhead extension	$ 120.00
PB9P	9-pin male to screw terminal adapter	$ 306.00
PC2	Two-position orange connector for CAT2, CTOI, DDC2I, EDI, or MLWF	$ 15.00
PC2S	Two-position orange power connector w/ mounting block for CAT2, NRK1, NRK2, QXBP, or TR121	$ 22.00
PC3G	Three-position green screw terminal power connector for CERI, DEB, DUCM, MEBII	$ 25.00
PMEIBS0111	M580 Interbus-S Master; Ethernet backplane, isolated DB-9 Interbus-S Remote Bus port, isolated RJ45 RS-232 port.	*Purchase from Schneider Electric Services*
PMEUCM0302	M580 Universal Communication Module; Ethernet Backplane, two 100BaseTx Ethernet ports; two isolated RJ45 RS-232 serial ports, LCD, joystick; protocol converter, data concentrator, or user-programmed module. Comes with TCPOpen application which supports raw socket data within Control Expert.	$ 3,990.00
PMEUCM0312	M580 Universal Communication Module; Ethernet Backplane, two 100BaseTx Ethernet ports; two 3-conductor screw terminal isolated RS-485 serial ports, LCD, joystick; protocol converter, data concentrator, or user-programmed module. Comes with Valves application for controlling Modbus Valve Actuators from an M580.	$ 3,990.00
QUCM+102	Quantum Universal Communication Module; 100BaseTx Ethernet port; two RJ45 serial ports, selectable RS-232/RS-485, LCD, keypad; protocol converter, data concentrator, or user-programmed module. Comes with QRPC application which supports Modbus/TCP and SY/MAX Ethernet protocol. Control Expert compatible	$ 4,600.00
SC50IK	Optically isolated Model 50 to 25-pin RS-232 programming cable plus SD034B 25-pin to 9-pin adapter	$ 410.00
SC50S	Model 50 to 9-pin RS-232 (PC) programming cable	$ 360.00
SC902+	SY/MAX programming cable, from PC COM: port to SY/MAX port, DB9 female to DB9 male, RS-232 to RS-422, includes TR92 110 VAC wall transformer	$ 399.00

Note : SC902+ cables longer than 30 feet must be powered by the external power supply (included)

SC902K	SC902 programming cable bundled with SD016 25-pin to 9-pin adapter (SC406 replacement)	$ 448.00
SC902NT	SC902 programming cable supplied without a transformer, requires 7-15 VDC or power from PLC	$ 339.00
SC902ST	SC902 programming cable with RS-422 end stripped and tinned, includes TR92	$ 399.00
SC909	PC to Momentum, RS-232 to RS-422, DB9S to DB9P converter cable, includes TR92 110 V wall transformer	$ 399.00
SC910	PC to Momentum, RS-232 to RS-422, DB9S to RJ45 converter cable, includes TR92 110 V wall transformer	$ 399.00
SC912	PC to MUCM converter cable, RS-232 to RS-422, DB9S to screw terminal, includes TR92 110 V wall transformer	$ 399.00
SCA2S	Model 50 (no echo) or IDEC FA2J to 9-pin RS-232 PC programming cable	$ 360.00

Part #	Description	List Price
SCM1S	Micro-1 to 9-pin RS-232 PC programming cable	$ 360.00
SCX0D	TSX07 to PC programming cable; mini-DIN to DB9	$ 360.00
SD013	RS-232 9-pin male to 25-pin male adapter	$ 49.00
SD016	RS-232 9-pin male to 25-pin female adapter; use with SC902 for 25-pin applications	$ 49.00
SD018	RS-232 9-pin male to 25-pin male adapter; use with SC902 for connection to a modem	$ 49.00
SD034	RS-232 25-pin male to 9-pin female adapter, one foot long, can be Type A or Type B	$ 49.00
SD034B	RS-232 25-pin male to 9-pin female adapter, one foot long, Type B	$ 49.00
SD084B	RS-232 25-pin male to 9-pin male adapter, one foot long, Type B	$ 49.00
SERI-T	SY/MAX Ethernet Remote Interface, with one RS-422 port, 10BaseT Ethernet port. Replaces SY/MAX PLC with Modbus/TCP server	$ 5,008.00
SL1P	One-piece slide lock for a DE9 connector	$ 32.00
SL2P	Two-piece slide lock for any D-Subminiature connector	$ 49.00
SN1	SY/NET cable (six-foot CC201 equivalent)	$ 250.00
SN2	SY/LINK to SY/NET cable, one foot length	$ 250.00
SN3	SY/NET to DYMEC cable, one foot length (formerly CS114)	$ 250.00
SN4	SY/NET cable with one end stripped and tinned, six foot	$ 200.00
TR2405ST+DC	110 VAC wall transformer, output 24 VDC 500mA 12W, stripped/tinned; for MUCM, QXBP, DEB, DUCM, MEBII	$ 60.00
TR241ST+DC	110 VAC wall transformer, output 24 VDC 1A 24W, stripped/tinned; for NRK2, CRPS	$ 80.00
TR92	110 VAC replacement transformer for SC406 or SC902	$ 60.00
TR92ST+DC	110 VAC wall transformer, output 9 VDC 670mA 6W, stripped/tinned; for DDC2I	$ 60.00
USB232	USB-A to RS232 DB9 cable adapter	$ 103.00
USB902	SY/MAX programming cable, from PC USB port to SY/MAX port, USB-A to RS-422 DB9, six feet. Not available in custom lengths. Use DE1 cable to extend length	$ 399.00

Custom Length Cables

Unless otherwise noted, standard cables are six feet long. To order custom length cables, use the part number listed, followed by the length of the cable in feet. The price is computed by adding $5.25 per foot of length over six feet to the list price.   For example, an SC902+10 is a 10 foot long SC902+ cable; the list price is $420.00 (4 x $5.25 + $399.00)

Custom length cables, list price added per foot	$ 5.25

Note : "+" in the part number indicates RoHS compliance