



Stepping System Cables

SureStep® Cables

SureStep Series – Stepping System Cables					
Cable	Price	Purpose	Length	Use With	Cable End Connectors
STP-EXT-006	\$11.00	motor to drive extension	6 ft	STP-MTR-xxxx(x)	pigtail / Molex 43020-0401 connector
STP-EXT-010	\$12.50		10 ft		
STP-EXT-020	\$16.50		20 ft		
STP-EXTH-006	\$23.00		6 ft	STP-MTRH-xxxx(x)	pigtail / Molex 39-01-2041 connector
STP-EXTH-010	\$27.50		10 ft		
STP-EXTH-020	\$32.50		20 ft		
STP-EXTHW-006	\$46.50		6 ft	STP-MTRHW-xxxx(x)	Bulgin # PXP4011/06P/6065
STP-EXTHW-010	\$51.00		10 ft		
STP-EXTHW-020	\$65.00		20 ft		
STP-EXTL-006	\$10.00		6 ft	STP-MTRL-xxxx(x)	pigtail / Molex 105308-22004 connector
STP-EXTL-010	\$12.50		10 ft		
STP-EXTL-020	\$16.00		20 ft		
STP-EXTW-006	\$46.50		6 ft	STP-MTRW-xxxx(x)	Bulgin # PXP4011/06P/6065
STP-EXTW-010	\$51.00		10 ft		
STP-EXTW-020	\$65.00		20 ft		
STP-232RJ11-CBL *	\$9.75	programming/communication	10 ft	STP-DRV-4850, STP-DRV-80100	DB9 female / RJ11(6P4C)
STP-232HD15-CBL-2**	\$12.00	communication	6.6 ft	STP-DRV-4850, STP-DRV-80100 DL06, D2-250-1, D2-260	HD 15-pin male / RJ12 6-pin plug
STP-232RJ12-CBL-2**	\$7.25	communication	6.6 ft	STP-DRV-4850, STP-DRV-80100 DL05, CLICK	RJ12 6-pin plug / RJ12 6-pin plug
STP-CBL-CA6	\$17.50	control cable	6 ft	STP-MTRD-17038 STP-MTRD-17038E	11-pin / pigtail
STP-CBL-CA10	\$20.50	control cable	10 ft		11-pin / pigtail
STP-CBL-CA20	\$30.00	control cable	20 ft		11-pin / pigtail
STP-CBL-EA6	\$17.50	encoder cable	6 ft	STP-MTRD-xxxxE STP-MTRA-ENC1, STP-MTRA-ENC3 STP-MTRA-ENC5, STP-MTRA-ENC7 STP-MTRA-ENC11, STP-MTRA-ENC13 (for line driver encoders)	10-pin / pigtail
STP-CBL-EA10	\$20.50	encoder cable	10 ft		10-pin / pigtail
STP-CBL-EA20	\$30.00	encoder cable	20 ft		10-pin / pigtail
STP-CBL-EB3	\$25.00	encoder cable	3 ft	STP-MTRA-ENC9 STP-MTRA-ENC10 (for both line driver and push-pull (totem) encoders)	17-pin / pigtail
STP-CBL-EB6	\$41.50	encoder cable	6 ft		17-pin / pigtail
STP-CBL-EB10	\$62.00	encoder cable	10 ft		17-pin / pigtail
STP-CBL-EB20	\$115.00	encoder cable	20 ft		17-pin / pigtail
STP-CBL-ED6	\$17.00	encoder cable	6 ft	STP-MTRA-ENC2, STP-MTRA-ENC4 STP-MTRA-ENC6, STP-MTRA-ENC8 STP-MTRA-ENC12, STP-MTRA-ENC14 (for push-pull (totem) encoders)	5-pin / pigtail
STP-CBL-ED10	\$20.00	encoder cable	10 ft		5-pin / pigtail
STP-CBL-ED20	\$29.50	encoder cable	20 ft		5-pin / pigtail
STP-CON-1	\$16.00	replacement connector kit	n/a	STP-DRV-4845 & -6575	-
STP-CON-2	\$16.50	replacement connector kit	n/a	STP-DRV-4850 & 80100	-
STP-CON-3	\$32.50	replacement connector kit	n/a	STP-MTRD-xxxxR	-
STP-CON-4	\$15.00	replacement connector kit	n/a	STP-DRVA-RC-050A	-
STP-CON-5	\$15.00	replacement connector kit	n/a	STP-DRV-4830	-
STP-CON-6	\$21.00	replacement connector kit	n/a	STP-DRVAC-24025	-
STP-485DB9-CBL-2	\$38.00	4-wire programming cable	6.5 ft	STP-MTRD-xxxxR	DB9 / Phoenix 5-conductor plug
STP-USBENC-CBL-1	\$40.50	USB programming cable	3 ft	STP-MTRA-ENC9,ENC10	17-pin / USB

* Programming/communication cable STP-232RJ11-CBL is available for spare or replacement purposes.
(One cable is included with each software programmable drive.)

** Refer to the ZIPLinks Wiring Solutions section for complete information regarding cables STP-232HD15-CBL-2 and STP-232RJ12-CBL-2.



Stepping System Cables

SureStep® Cables

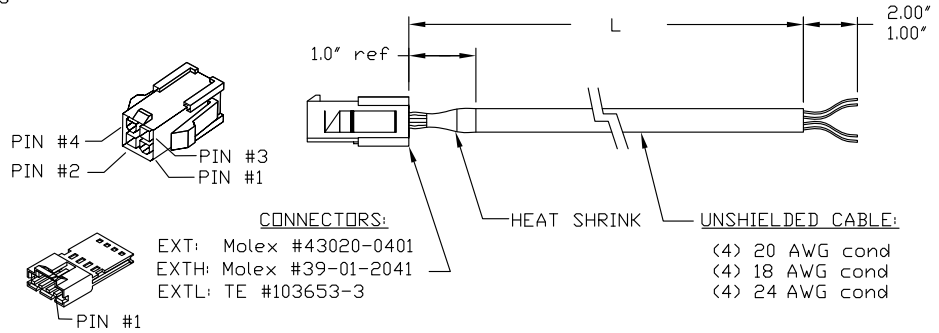
STP-EXT(x)-0xx Extension Cable Wiring Diagram

EXT & EXTH CABLES

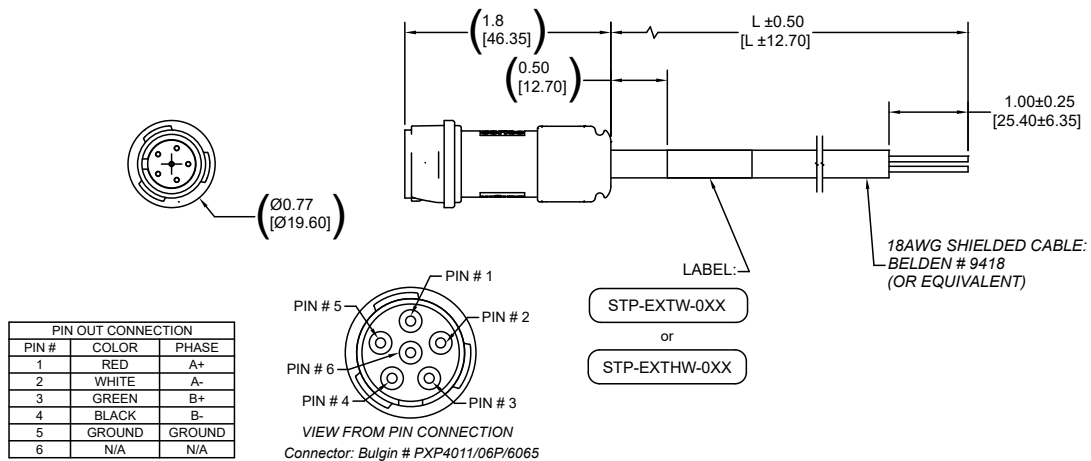
PIN#	COLOR
1	RED
2	WHITE
3	GREEN
4	BLACK

EXTL CABLES

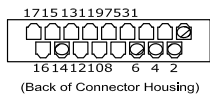
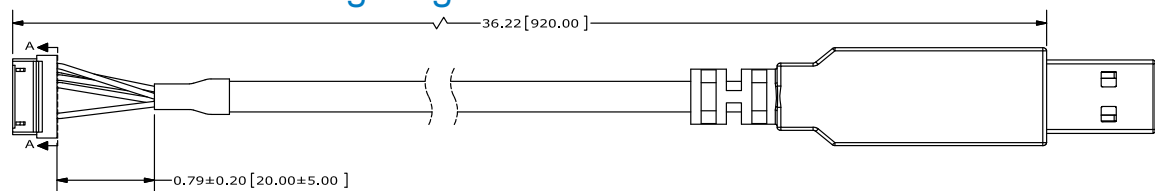
PIN#	COLOR
1	RED
2	WHITE
3	GREEN
4	BLACK



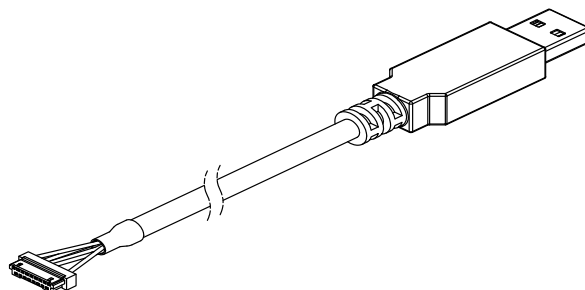
STP-EXTW-0xx and STP-EXTHW-0xx Extension Cable Wiring Diagram



STP-USBENC-CBL-1 Wiring Diagram



Connector Pinout	
#FunctionColor	Pin
TX_ENC+Yellow	1
RX_ENC+Orange	2
GNDBlack	4
+5VRed	6
MCLRGreen	14

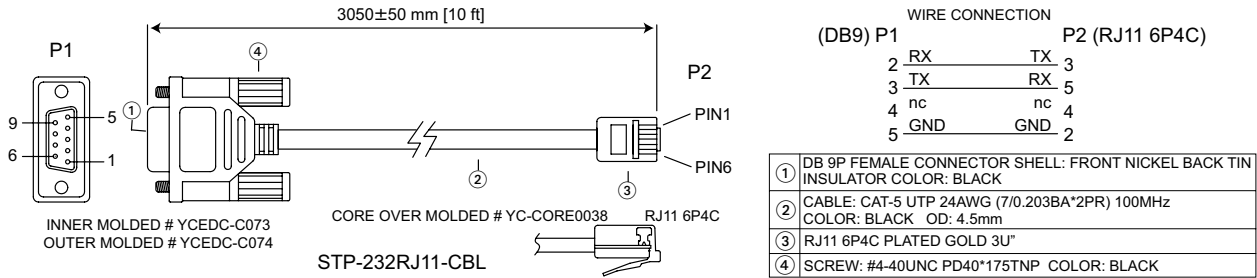




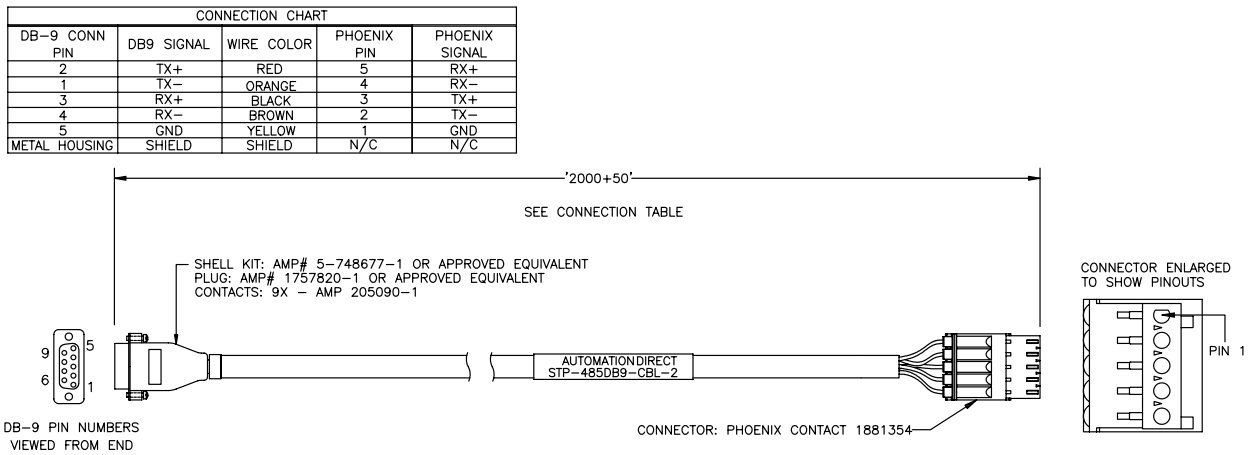
Stepping System Cables

SureStep® Cables, continued

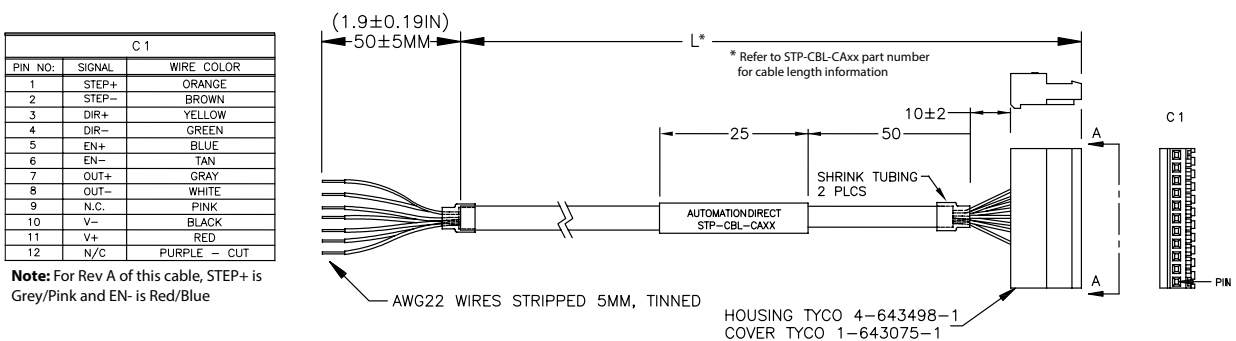
STP-232RJ11-CBL Programming Cable Wiring Diagram



STP-485DB9-CBL-2 4-wire Programming Cable Wiring Diagram



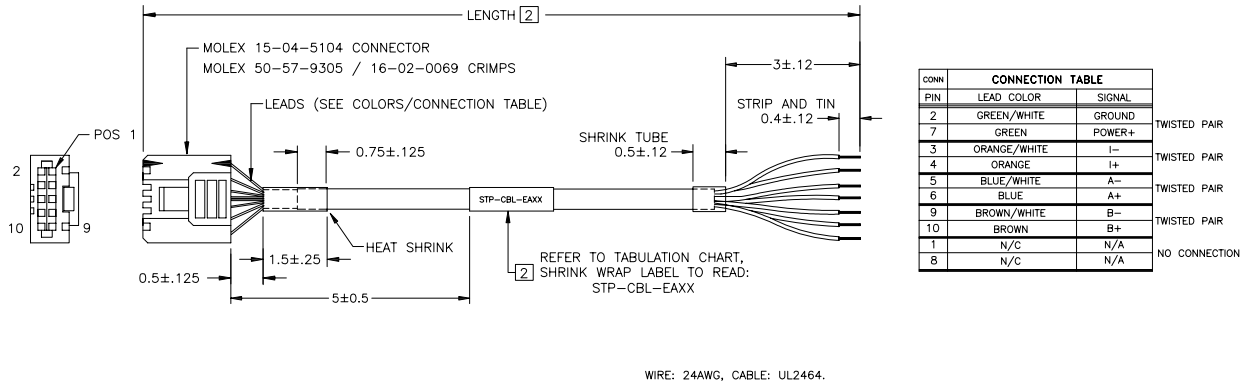
STP-CBL-CAXx Control Cable Wiring Diagram



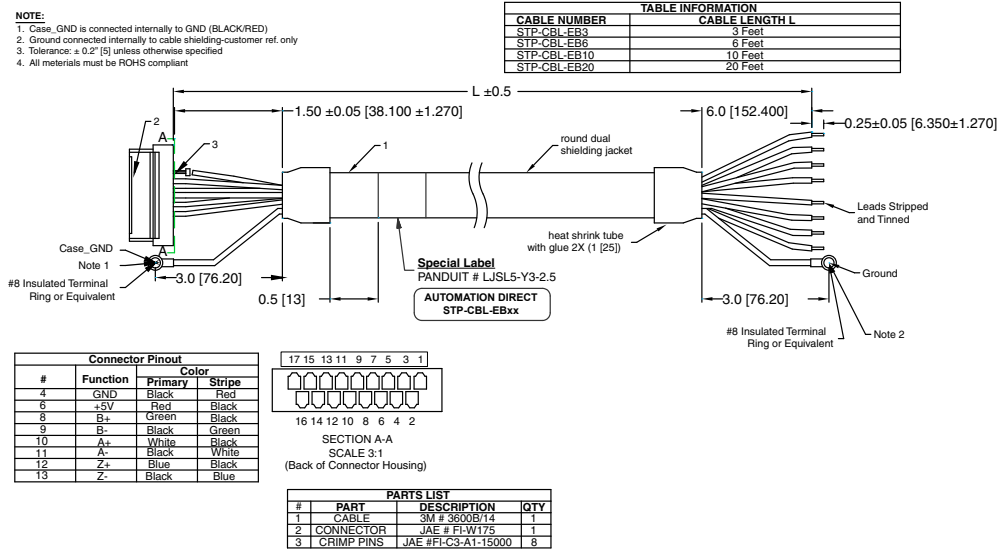
SureStep[®] Stepping System Cables

SureStep[®] Cables, continued

STP-CBL-EAxx Encoder Cable Wiring Diagram



STP-CBL-EBxx Encoder Cable Wiring Diagram



STP-CBL-EDxx Encoder Cable Wiring Diagram

