Cable for Motorized Stages



Part Number		Cable		Connector			
Туре	No.	Features	Overall Length	Existence of Connector	Controller Side	Stage Side	
	2		2m		09-0341-02-14(Binder)	SRCB SRCN6A21-16S(JAE)	
	4	Ordinary Cable	4m	Provided on both ends			
SRCB	6		6m				
(for 16-pin)	2B	Ordinary Cable	2m	Provided on one end (controller			
	4B	Provided on one end. (The	4m	side), (The other end is loose wire.)	-		
MSCB	6B	other end is loose wire.)	6m	side). (The other end is loose wire.)			
(for 12-pin)	2-R		2m				
	4-R	Robot Cable	4m	Provided on both ends	09-0341-02-14(Binder)	HR10A-10P-12S(73) (HRS)	
MS4CB	6-R		6m				
(for 4-sensor, 12-pin)	2B-R	Robot Cable	2m	Provided on one end (controller side). (The other end is loose wire.)			
	4B-R	Provided on one end. (The	4m		-		
	6B-R	other end is loose wire.)	6m				

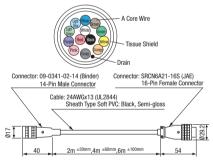
Common Specifications

Type	Finished O.D.	Min. Bending	Conductor		Insulator	Sheath	
Type	Fillished O.D.	Radius	Configuration	O.D.	Material	Material	Color
Ordinary Cable	6.70	R33mm	40 wires / 0.08mm [24AWG]	0.65mm	PVC	- PVC	Black
Robot Cable	±0.15mm		50 wires / 0.08mm [24AWG]		ETFE		

Ordinary Cable

•SRCB2(B), SRCB4(B), SRCB6(B)

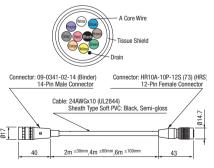
* For the cable with the loose wire on one end (with the "B" text inserted on end of the Part Number), the loose wire side should be regarded as 14-pin Male Connector (Controller)-oriented.



A Blue Red C G Green G Black Brown Yellow Pink Purole		1 2 3 4 5 6 7 8	Motor Lead (Blue) Motor Lead (Red) Motor Lead (Orange) Motor Lead (Green) Motor Lead (Black) CWLS Output Open CCWLS Output
Orange Green J		3 4 5 6 7	Motor Lead (Orange) Motor Lead (Green) Motor Lead (Black) CWLS Output Open
G Green J Black L Yellow N Pink		4 5 6 7	Motor Lead (Green) Motor Lead (Black) CWLS Output Open
Black Brown Yellow Pink Purple		5 6 7	Motor Lead (Black) CWLS Output Open
Brown Yellow Pink N Pupple		6 7	CWLS Output Open
Yellow Pink N Pupple		7	Open
M Pink		7 8	-1
N Pumle		8	CCWLS Output
0	¬ '	9	Open
	+	10	Sensor Power Supply (DC5V(+))
R		11	NORG Output
	+ +	12	Electromagnetic Brake Power Supply (DC24V(+))
LIGHT BILLS	 	13	Electromagnetic Brake Power Supply (DC24V(-))
√ 		14	ORG Output
Dotted line represents shields		15	Sensor Power Supply (DC5V(-))
		— 16	Frame Ground
R S	White Light Green Light Blue Dotted line represents shields. *1. This terminal is open for an	White Light Green Light Blue Dotted line represents shields.	White

•MSCB2(B), MSCB4(B), MSCB6(B)

* For the cable with the loose wire on one end (with the "B" text inserted on end of the Part Number), the loose wire side should be regarded as 14-pin Male Connector (Controller)-oriented.



Controller Side Terminal	Blue		Stage Side Terminal
Motor Lead (Blue)	A	1	Motor Lead (Blue)
Motor Lead (Red)	C Red Orange	2	Motor Lead (Red)
Motor Lead (Orange)	F	3	Motor Lead (Orange)
Motor Lead (Green)	G Green	4	Motor Lead (Green)
Motor Lead (Black)	J Brown	5	Motor Lead (Black)
CWLS Input	L Yellow	6	CWLS Output
CCWLS Input	M Tollow	7	CCWLS Output
NORG Input	N Durele	8	Sensor Power Supply (DC5V(-))
ORG Input	0 Purple	9	Sensor Power Supply (DC5V(+))
Sensor Power Supply (DC5V(+))	P Gray	10	ORG Output
Sensor Power Supply (DC5V(-))	R White	11	Sensor Power Supply (DC5V(-))
Electromagnetic Brake Power Supply (DC24V(+))	S	12	Frame Ground
Electromagnetic Brake Power Supply (DC24V(-))	T Dotted line represents shields.	_	
Frame Ground	U +		

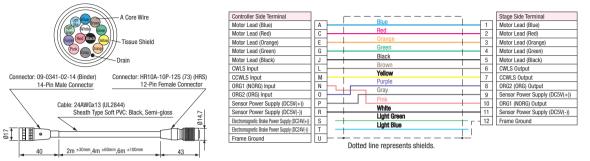




Configure Online

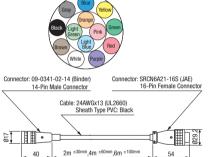
•MS4CB2(B), MS4CB4(B), MS4CB6(B)

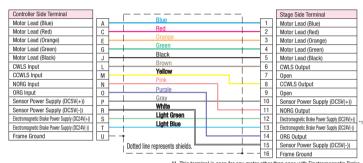
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•SRCB2(B)-R, SRCB4(B)-R, SRCB6(B)-R

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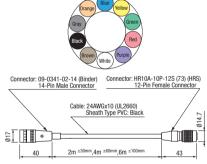


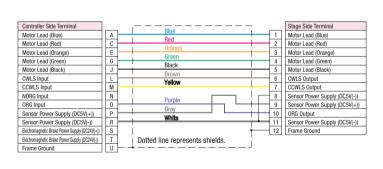


*1 This terminal is onen for any motor other than ones with Electromagnetic Brake

•MS4CB2(B)-R, MS4CB4(B)-R, MS4CB6(B)-R

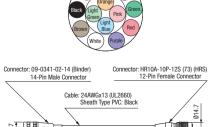
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•MS4CB2(B)-R, MS4CB4(B)-R, MS4CB6(B)-R

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2m ±30mm,4m ±60mm,6m ±100mm

