

Cables

These are the connection cables used with a stepping motor controller as a motorized stage. With our motorized stages, a 2m cable is included as standard. Here we describe the prices of purchasing cables as a single item.

● 2m cable, 4m cable, 6m cable (2m increments) ● One end loose wire cable (loose wire on controller side) ● Robot cable
It is also possible to include these cables when you purchase the motorized stage. For details, please refer to the section of each page.



※ You can contact us about the cable length, but be careful that the cable over 6m is not guaranteed.

Controller (DS102/DS112 series, DP102, D200 series)

Normal cable/minimum bending radius: R33mm												
Model number	D214-1-2E	D214-1-4E	D214-1-6E	D214-1-2EK	D214-1-4EK	D214-1-6EK	D214-2-2E	D214-2-4E	D214-2-6E	D214-2-2EK	D214-2-4EK	D214-2-6EK
Existence of connector	Connectors are attached to both ends			One end (controller side) loose wire			Connectors are attached to both ends			One end (controller side) loose wire		
Connector on controller side	09-0341-02-14 (Binder)			-			09-0341-02-14 (Binder)			-		
Connector on stage side	SRCN6A21-16S (JAE)						HR10A-10P-12S (73)(HRS)					
Cable length	2m	4m	6m	2m	4m	6m	2m	4m	6m	2m	4m	6m
Color of insulator												

Robot cable/minimum bending radius: R33mm, more superior in flex resistance, contortion resistance, oil resistance and flexibility than normal cable.												
Model number	D214-1-2R	D214-1-4R	D214-1-6R	D214-1-2RK	D214-1-4RK	D214-1-6RK	D214-2-2R	D214-2-4R	D214-2-6R	D214-2-2RK	D214-2-4RK	D214-2-6RK
Existence of connector	Connectors are attached to both ends			One end (controller side) loose wire			Connectors are attached to both ends			One end (controller side) loose wire		
Connector on controller side	09-0341-02-14 (Binder)			-			09-0341-02-14 (Binder)			-		
Connector on stage side	SRCN6A21-16S (JAE)						HR10A-10P-12S (73)(HRS)					
Cable length	2m	4m	6m	2m	4m	6m	2m	4m	6m	2m	4m	6m
Color of insulator												

4-sensor cable/minimum bending radius: R33mm Cable for use in 4 sensors ADDITION												
Model number	D214-2-2EA	D214-2-4EA	D214-2-6EA	D214-2-2EAK	D214-2-4EAK	D214-2-6EAK	D214-2-2RA	D214-2-4RA	D214-2-6RA	D214-2-2RAK	D214-2-4RAK	D214-2-6RAK
Existence of connector	Connectors are attached to both ends			One end (controller side) loose wire			Connectors are attached to both ends			One end (controller side) loose wire		
Connector on controller side	09-0341-02-14 (Binder)			-			09-0341-02-14 (Binder)			-		
Connector on stage side	HR10A-10P-12S (73)(HRS)						HR10A-10P-12S (73)(HRS)					
Cable length	2m	4m	6m	2m	4m	6m	2m	4m	6m	2m	4m	6m
Color of insulator	[Normal cable] 						[Robot cable] 					

Specifications common to multi-core cables		
	Type	
Conductor	Configuration	Normal cable: 40pieces/0.08mm [24AWG] Robot cable: 50pieces/0.08mm [24AWG]
	Approximate external diameter	0.65mm
Insulator	Material	PVC ETFE
	Color	Refer to the cross section.
Sheath	Material	PVC
	Color	Black
Finishing external diameter		6.70±0.15mm
Minimum bending radius		R33mm

New products

Motorized linear stage

Motorized rotary stage

Motorized stages unit

Controllers and Cables

Manual stage

Reference