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Options

40 × 40 mm

60 × 60 mm

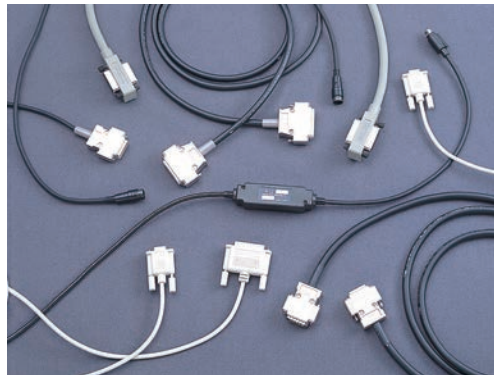
80 × 80 mm

85 × 85 mm

100 × 100 mm

120 × 120 mm

Others



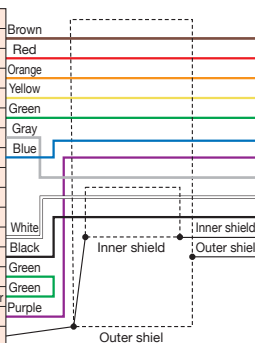
Cables for connecting motorized stages to controllers or drivers.

- Refer to compatible controllers/drivers and cables described on the page of each motorized stage.

D15RPA-CA Cable

Controller side (15 pins)
D-sub15pin
(Male Type)

Pin Number	
1	Motor lead
2	Motor lead
3	Motor lead
4	Motor lead
5	Motor lead
6	GND
7	Origin sensor
8	+VS
9	N.C.
10	N.C.
11	Limit sensor (+)
12	Limit sensor (-)
13	GND
14	Origin proximity sensor
15	+VS
	Case



(Reference) Rough guide of the minimum bending radius is 40mm.

Stage side (12 pins)
RP17-13PA-12PC
(Male Type)
Hirose Electric Co., Ltd.

Pin Number	
1	Motor lead
2	Motor lead
3	Motor lead
4	Motor lead
5	Motor lead
6	Origin sensor
7	+VS
8	GND
9	Limit sensor (+)
10	Limit sensor (-)
11	F.G.
12	F.G.

MINI-CA-SG Cable

Stage side (12 pins)
RP17-13PA-12PC
(Male Type)
Hirose Electric Co., Ltd.



Driver side terminal is not processed (Reference) Rough guide of the minimum bending radius is 40mm.

D15D15A-CA Cable

Controller side (15 pins)
17JE-23150-02(D1)
Hood: 17JE-15H-1A4-CF
(Male Type) DDK Ltd.

Pin Number	
1	Motor lead
2	Motor lead
3	Motor lead
4	Motor lead
5	Motor lead
6	GND
7	Origin sensor
8	+VS
9	Autoconfig
10	Reserve
11	Limit sensor (+)
12	Limit sensor (-)
13	GND
14	Origin proximity sensor
15	N.C.



For the color of the cable wiring, it is marked with an insulating color, dot color and number of dots.

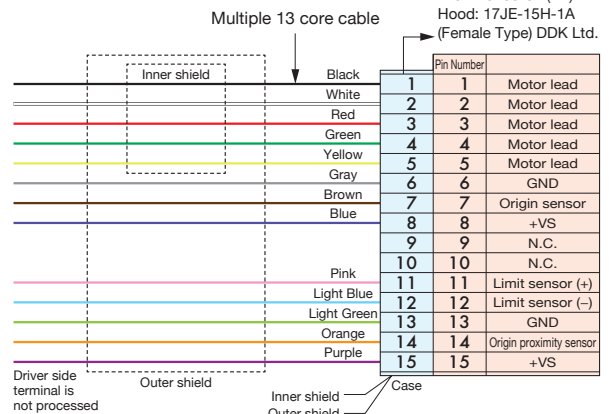
(Reference) Rough guide of the minimum bending radius is 60mm.

Stage side (15 pins)
17JE-13150-02(D1)A
Hood: 17JE-15H-1A4-CF
(Female Type) DDK Ltd.

Pin Number	
1	Motor lead
2	Motor lead
3	Motor lead
4	Motor lead
5	Motor lead
6	GND
7	Origin sensor
8	+VS
9	Autoconfig
10	Reserve
11	Limit sensor (+)
12	Limit sensor (-)
13	GND
14	Origin proximity sensor
15	N.C.

DAC-SG Cable

Stage side (15 pins)
17JE-13150-02 (D1)
Hood: 17JE-15H-1A
(Female Type) DDK Ltd.



Driver side terminal is not processed (Reference) Rough guide of the minimum bending radius is 60mm.

Specifications

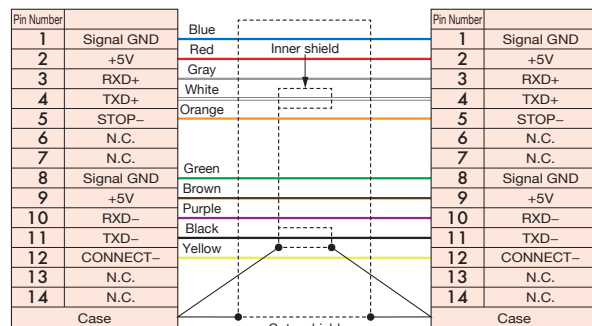
Part Number	Controller Side	Stage Side	Cable Length [m]
D15RPA-CA-2	D-sub 15pin / male type	RP17-13PA-12PC / 12pin	2
D15RPA-CA-3	D-sub 15pin / male type	RP17-13PA-12PC / 12pin	3
D15RPA-CA-5	D-sub 15pin / male type	RP17-13PA-12PC / 12pin	5
MINI-CA-SG-1	Unprocessed	RP17-13PA-12PC / 12pin	1
MINI-CA-SG-2	Unprocessed	RP17-13PA-12PC / 12pin	2
MINI-CA-SG-3	Unprocessed	RP17-13PA-12PC / 12pin	3
MINI-CA-SG-4	Unprocessed	RP17-13PA-12PC / 12pin	4
MINI-CA-SG-5	Unprocessed	RP17-13PA-12PC / 12pin	5
D15D15A-CA-2	17JE-23150 / male type	17JE-13150 / female type	2
D15D15A-CA-3	17JE-23150 / male type	17JE-13150 / female type	3
D15D15A-CA-5	17JE-23150 / male type	17JE-13150 / female type	5
DAC-SG-2	Unprocessed	17JE-13150 / female type	2
DAC-SG-3	Unprocessed	17JE-13150 / female type	3
DAC-SG-4	Unprocessed	17JE-13150 / female type	4
DAC-SG-5	Unprocessed	17JE-13150 / female type	5

Cables for encoders to controllers and controllers to computers.

MDR14-CA-2.5 Cable

Controller side (14 pins)
Connector: 10114-3000PE
Shell: 10314-52F0-008
Sumitomo 3M Limited

Stage side (14 pins)
Connector: 10114-3000PE
Shell: 10314-52F0-008
Sumitomo 3M Limited



- The MDR14-CA-2.5 cable is for connecting between SHOT-302GS/ 304GS/SHOT-702 /PGC-04-U/HSC-103 and JS-301/ JB-401/ JD-101.

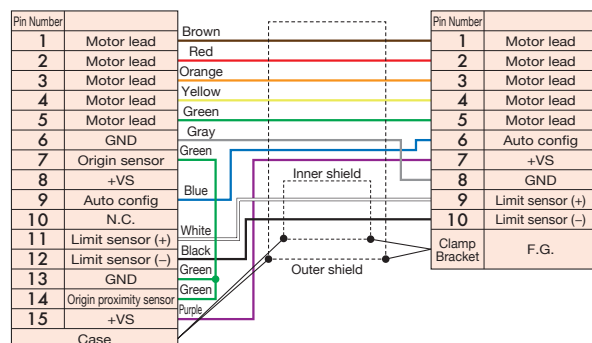
Specifications

Part Number	Controller Side	JS/JD side	Cable Length [m]
MDR14-CA-2.5	10114-3000PE	10114-3000PE	2.5

DHR-CA-3 Cable

Controller side (15 pins)
Connector: 17JE-23150-02(D1)
Hood: 17JE-15H-1A-CF
(Male Type) DDK Ltd.

Stage side (10 pins)
HR10A-10P-10PC(73)
(Male Type)
Hirose Electric Co., Ltd.



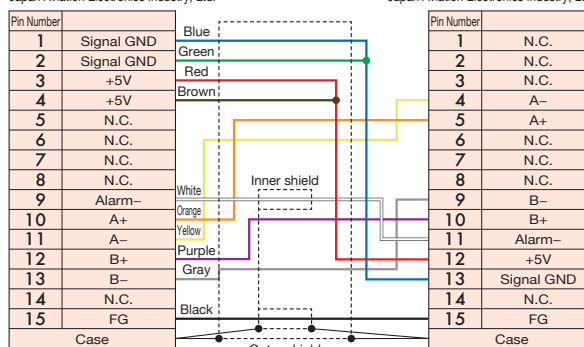
Specifications

Part Number	Controller Side	Stage Side	Cable Length [m]
DHR-CA-3	17JE-23150-02 (Male Type)	HR10A-10P-10PC(73)	3

GSEF-CA-3 Cable

Controller side (15 pins)
Connector: D02-M15SG-N-F1
Hood: DE-C8-J9-F1-1R
(Male Type)
Japan Aviation Electronics Industry, Ltd.

Stage side (15 pins)
Connector: D02-M15SG-N-F0
Hood: DE-C8-J9-F1-1R
(Female Type)
Japan Aviation Electronics Industry, Ltd.



Specifications

Part Number	Controller Side	Stage Side	Cable Length [m]
GSEF-CA-3	D02-M15PG-N-F0	D02-M15SG-N-F0 (with ferrite core)	3

Other Cables

RS232C Cable



Sigma Koki controller (D-sub 9pin male type) DOS/V PC (D-sub 9pin female type)

1	1
2	2
3	3
4	4
5	5
6	6
7	7
8	8
9	9

Specifications

Part Number	Cable Length [m]
RS232C/STR-1.8	1.8
RS232C/STR-3	3
RS232C/STR-4.5	4.5

GP-IB Cable



Specifications

Part Number	Cable Length [m]
GP-IB-0.5	0.5
GP-IB-1	1
GP-IB-2	2
GP-IB-3	3
GP-IB-4	4

USB Cable



USB A connector male type Fully connected straight cable 2m USB B connector male type

Specifications

Part Number	Cable Length [m]
USB-1	1
USB-2	2

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