

OPTIONAL PARTS

External Control Cable

External Trigger Cable for SAG / IC-SA-D series

Applicable Controller: SAG-30M2-VI, SAG-30M2-PI

Pin number	Cable color
1	White
2	Yellow
3	Brown
4	Green
5	Red
6	Black



Model	Length (m)
IC-SA-D1	1
IC-SA-D2	2
IC-SA-D3	3
IC-SA-D4	4
IC-SA-D5	5
IC-SA-D7	7
IC-SA-D10	10

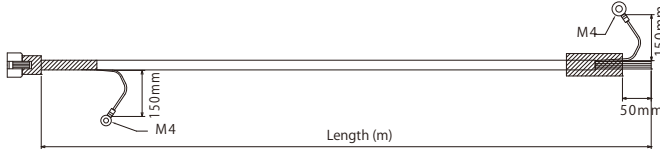
Pin number	Signal name
1	+5V OUT
2	+5~24V IN
3	CH1 TRIGGER IN
4	+5~24V IN
5	CH2 TRIGGER IN
6	GND

*Sizes other than those above are also available.

External Trigger Cable for SAG (Shielded) / IC-S-SA-D series

Applicable Controller: SAG-30M2-VI, SAG-30M2-PI

Pin number	Cable color
1	Black
2	Black with white line
3	Red
4	Red with white line
5	Green
6	Green with white line



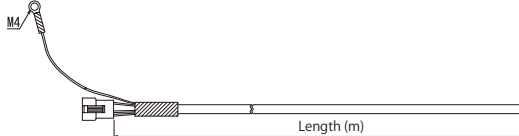
Model	Length (m)
IC-S-SA-D1	1
IC-S-SA-D2	2
IC-S-SA-D3	3
IC-S-SA-D4	4
IC-S-SA-D5	5
IC-S-SA-D10	10

*Sizes other than those above are also available.

External Analog 0-5V Control Cable for SAG (Shielded) / IC-SA-EV series

Applicable Controller: SAG-30M2-VI

Pin number	Cable color
1	White
2	Red
3	NC
4	Black



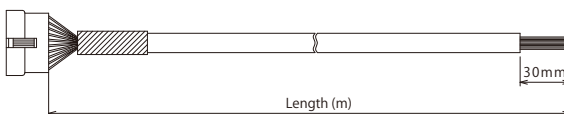
Model	Length (m)
IC-SA-EV1	1
IC-SA-EV2	2
IC-SA-EV3	3
IC-SA-EV4	4
IC-SA-EV5	5
IC-SA-EV10	10

*Sizes other than those above are also available.

External 8bit Digital Control Cable for SAG

Applicable Controller: SAG-30M2-PI

Pin number	Cable color
1	White
2	Yellow
3	Brown
4	Green
5	Blue
6	Gray
7	Orange
8	Sky Blue
9	Red
10	Black



Model	Length (m)
IC-ET-1	1
IC-ET-2	2
IC-ET-3	3
IC-ET-4	4
IC-ET-5	5
IC-ET-10	10

Pin number	Signal name
1	External Power Supply + Input (+12V to +24V)
2	B0(LSB)
3	B1
4	B2
5	B3
6	B4
7	B5
8	B6
9	B7(MSB)
10	Internal/External switching

*Sizes other than those above are also available.

OPTIONAL PARTS

External Control Cable

2-Channel External ON/OFF Control Cable/ IC-CB-D series

Applicable Controller: IDD67:D79PA-30M2 (H), IWDV-300SL-48, IWDV-600SL-48

Pin number	Cable color	Model	Length (m)	Pin number	Signal name
1	White	IC-CB-D1	1	1	LAMP1 ON/OFF
2	Green	IC-CB-D2	2	2	LAMP2 ON/OFF
3	Red	IC-CB-D3	3	3	External control switching
4	Black	IC-CB-D4	4	4	GND
		IC-CB-D5	5		
		IC-CB-D7	7		
		IC-CB-D10	10		

*Sizes other than those above are also available.

Connection Example for External ON/OFF (2 channel)

A. Controller Internal

User-Side Open Collector
Capable of handling a maximum capacity of 50mA

GND EXT CONT CONNECTOR

B. Controller Internal

User-Side Sequencer
Relay Contacts

GND EXT CONT CONNECTOR

- Please use an open collector circuit with a capacity of approximately 50mA, considering that a current of around 10mA flows from pins 1, 2, and 3 towards pin 4.
- When pins 3 and 4 of the external lighting control connector are shorted (held in a short-circuit state), it switches to external control mode. (Both LED illuminations connected to the two channels will turn off.)
- In the above state, while pins 1 and 4 are shorted, the LED illumination connected to LAMP1 will illuminate. Similarly, when pins 2 and 4 are shorted, the LED illumination connected to LAMP2 will illuminate. (The external lighting control switching will be effective for both channels simultaneously.)

Multi-Channel External ON/OFF Control Cable / IC-CB-8CH series

Applicable Controller: IDPA-50M6 (H), IDPA-100M6 (H)

Pin number	Cable color	Pin number	Cable color	Model	Length (m)	Pin number	Signal name	Pin number	Signal name
1	White	6	Gray	IC-CB-8CH-1-C01	1	1	LAMP1 ON/OFF	6	LAMP6 ON/OFF
2	Yellow	7	Orange	IC-CB-8CH-2-C01	2	2	LAMP2 ON/OFF	7	NC
3	Brown	8	Light Blue	IC-CB-8CH-3-C01	3	3	LAMP3 ON/OFF	8	NC
4	Green	9	Red	IC-CB-8CH-4-C01	4	4	LAMP4 ON/OFF	9	External control switching
5	Blue	10	Black	IC-CB-8CH-5-C01	5	5	LAMP5 ON/OFF	10	GND
				IC-CB-8CH-10-C01	10				

*Sizes other than those above are also available.

External Dimming Control Cable (for S232C) / IC-MCS2 series

Applicable Controller: IDGC series(-S2)、IDCA series(-S2)

Model	Length (m)
IC-MCS2-1-C01	1
IC-MCS2-2-C01	2
IC-MCS2-3-C01	3
IC-MCS2-5-C01	5
IC-MCS2-10-C01	10


★ This is a communication cable used for RS-232C communication.

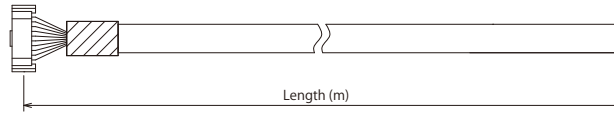
OPTIONAL PARTS

External Control Cable

External ON/OFF Control Cable / IC-MIL-10 series



Applicable Controllers (External ON/OFF) : IMC series

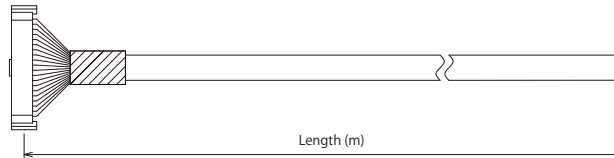
Pin number	Cable color	Dot Marking	Dot color	Pin number	Cable color	Dot Marking	Dot color	Model	Length (m)
1	Orange	■	Black	6	Light Green	■	Red	IC-MIL-10-1	1
2	Orange	■	Red	7	Gray	■	Black	IC-MIL-10-2	2
3	Yellow	■	Black	8	Gray	■	Red	IC-MIL-10-3	3
4	Yellow	■	Red	9	White	■	Black	IC-MIL-10-5	5
5	Light Green	■	Black	10	White	■	Red	IC-MIL-10-10	10
Core wire image									
									



External ON/OFF Control • Dimming Control Cable / IC-MIL-20 series


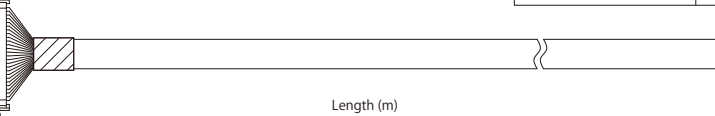

Applicable controllers (External ON/OFF): IWDV-100S-24, IWDV-300S-24, IWDV (S) -48 series,
IDGC series (excluding IDGC-30M2), IDCA series, IJS series
(External Dimming) : IWDV-100S-24, IWDV-300S-24, IWDV (S) - 48 series

Pin number	Cable color	Dot Marking	Dot color	Pin number	Cable color	Dot Marking	Dot color	Model	Length (m)
1	Orange	■	Black	11	Orange	■	Black	IC-MIL-20-1	1
2	Orange	■	Red	12	Orange	■	Red	IC-MIL-20-2	2
3	Yellow	■	Black	13	Yellow	■	Black	IC-MIL-20-3	3
4	Yellow	■	Red	14	Yellow	■	Red	IC-MIL-20-5	5
5	Light Green	■	Black	15	Light Green	■	Black	IC-MIL-20-10	10
6	Light Green	■	Red	16	Light Green	■	Red		
7	Gray	■	Black	17	Gray	■	Black		
8	Gray	■	Red	18	Gray	■	Red		
9	White	■	Black	19	White	■	Black		
10	White	■	Red	20	White	■	Red		
Core wire image				Core wire image					
									



External ON/OFF Control • Dimming Control Cable / IC-MIL-26 series

Applicable Controllers (External ON/OFF) : IWDV-600M2-24, IDGC-30M2 series, IDGC series(-PV)
(External Dimming) : IWDV-600M2-24, IDGC series(-PV), IDCA series

Pin number	Cable color	Dot Marking	Dot color	Pin number	Cable color	Dot Marking	Dot color	Pin number	Cable color	Dot Marking	Dot color	Model	Length (m)
1	Orange	■	Black	11	Orange	■	Black	21	Orange	■	Black	IC-MIL-26-1	1
2	Orange	■	Red	12	Orange	■	Red	22	Orange	■	Red	IC-MIL-26-2	2
3	Yellow	■	Black	13	Yellow	■	Black	23	Yellow	■	Black	IC-MIL-26-3	3
4	Yellow	■	Red	14	Yellow	■	Red	24	Yellow	■	Red	IC-MIL-26-5	5
5	Light Green	■	Black	15	Light Green	■	Black	25	Light Green	■	Black	IC-MIL-26-10	10
6	Light Green	■	Red	16	Light Green	■	Red	26	Light Green	■	Red		
7	Gray	■	Black	17	Gray	■	Black	Core wire image 					
8	Gray	■	Red	18	Gray	■	Red						
9	White	■	Black	19	White	■	Black						
10	White	■	Red	20	White	■	Red						
Core wire image 				Core wire image 