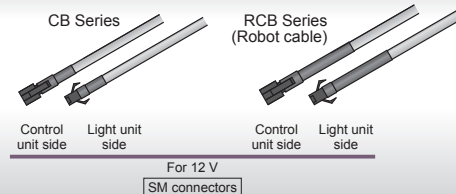
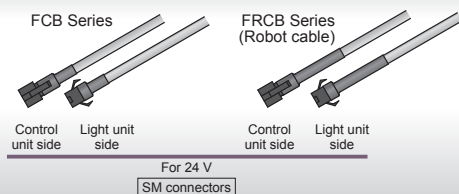


SM / EL Cables

Refer to our website for product details.

CCS cables

Search



The cable permitted bending radii shown below are for reference only. Actual values may vary.

Straight Cables

This extension cable connects an LED light and control unit.

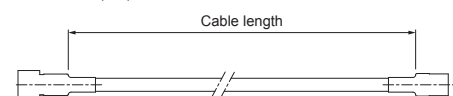
FCB Series (For 24 V / HLV)

Model name	Cable length	Notes
FCB-1	1 m	Used for 24 V input LED lights or the HLV Series Spot Lights, and 24 V output control units.
FCB-2	2 m	
FCB-3	3 m	
FCB-5	5 m	

CB Series (For 12 V)

Model name	Cable length	Notes
CB-1	1 m	Used for 12 V input LED lights and 12 V output control units.
CB-2	2 m	
CB-3	3 m	
CB-5	5 m	

• Dimensions (mm)



24 V / HLV Series cable permitted bending radius: 28.8 mm
12 V cable permitted bending radius: 27.6 mm

2-Branch Cables

* Not compatible with HLV Series.

This 2-branch cable connects two LED lights and a control unit.

FCB-W Series (For 24 V)

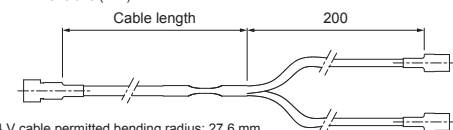
Model name	Cable length	Notes
FCB-W-1	1 m	Used for 24 V input LED lights and 24 V output control units.
FCB-W-2	2 m	
FCB-W-3	3 m	
FCB-W-5	5 m	

CB-W Series (For 12 V)

Model name	Cable length	Notes
CB-W-1	1 m	Used for 12 V input LED lights and 12 V output control units.
CB-W-2	2 m	
CB-W-3	3 m	
CB-W-5	5 m	

Total power consumption of the connected light units must not exceed the output of the control unit.
CCS recommends using a multi-channel control unit if you wish to set intensity separately for each light unit.

• Dimensions (mm)



24 V cable permitted bending radius: 27.6 mm
12 V cable permitted bending radius: 27.6 mm

4-Branch Cables

* Not compatible with HLV Series.

This 4-branch cable connects four LED lights and a control unit.

FCB-F Series (For 24 V)

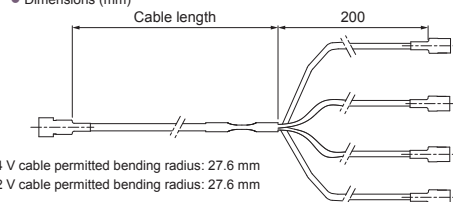
Model name	Cable length	Notes
FCB-F-1	1 m	Used for 24 V input LED Lights and 24 V output control units.
FCB-F-2	2 m	
FCB-F-3	3 m	
FCB-F-5	5 m	

CB-F Series (For 12 V)

Model name	Cable length	Notes
CB-F-1	1 m	Used for 12 V input LED Lights and 12 V output control units.
CB-F-2	2 m	
CB-F-3	3 m	
CB-F-5	5 m	

Total power consumption of the connected light units must not exceed the output of the control unit.
CCS recommends using a multi-channel control unit if you wish to set intensity separately for each light unit.

• Dimensions (mm)



24 V cable permitted bending radius: 27.6 mm
12 V cable permitted bending radius: 27.6 mm

Robot Cables

These robot cables have excellent flexibility and durability.

FRCB Series (For 24 V / HLV)

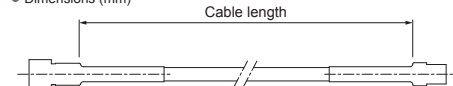
Model name	Cable length	Notes
FRCB-1	1 m	Used for 24 V input LED Lights or the HLV Series Spot Lights, and 24 V output control units.
FRCB-2	2 m	
FRCB-3	3 m	
FRCB-5	5 m	

RCB Series (For 12 V)

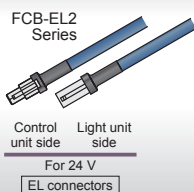
Model name	Cable length	Notes
RCB-1	1 m	Used for 12 V input LED Lights and 12 V output control units.
RCB-2	2 m	
RCB-3	3 m	
RCB-5	5 m	

If using robot cables, affix the cable section on the light unit side (including the connector section).

• Dimensions (mm)



24 V / HLV Series cable permitted bending radius: 29.4 mm
12 V cable permitted bending radius: 27.6 mm



The cable permitted bending radii shown below are for reference only. Actual values may vary.

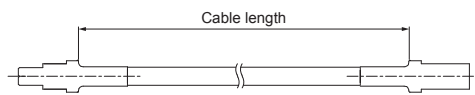
Straight Cables

This extension cable connects an LED light and control unit.

FCB-EL2 Series (For 24 V)

Model name	Cable length	Notes
FCB-1-EL2	1 m	Use for LED lights and control units that have an EL connector.
FCB-2-EL2	2 m	
FCB-3-EL2	3 m	
FCB-5-EL2	5 m	
FCB-10-EL2	10 m	
FCB-15-EL2	15 m	

• Dimensions (mm)



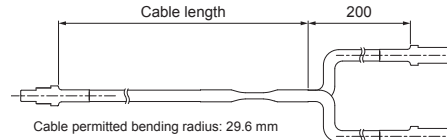
2-Branch Cables

This 2-branch cable connects two LED lights and a control unit.

FCB-W-EL2 Series (For 24 V)

Model name	Cable length	Notes
FCB-W-1-EL2	1 m	Use for LED lights and control units that have an EL connector.
FCB-W-2-EL2	2 m	
FCB-W-3-EL2	3 m	
FCB-W-5-EL2	5 m	
FCB-W-10-EL2	10 m	
FCB-W-15-EL2	15 m	

• Dimensions (mm)



Guide to Custom Cable Manufacturing

Cables can be custom ordered in accordance with customer requests. Inquiries are welcomed.

(n = Cable length)

• Conversion Cable

Example: FCB-n-M12-OC



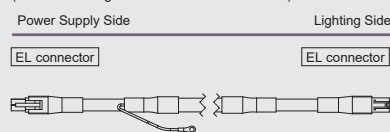
Example: FCB-n-EL2SM3

(Reverse connector specifications type: FCB-n-EL2-SM3-OC)



• Cable with Ground Terminal

Example: FCB-n-PF-2.0SQ-SH
(Power Flash Light PF Series Dedicated Cable)



Example: FRCB-n-2SQ-SH-ME7
(Line Sensor Light Dedicated Cable)

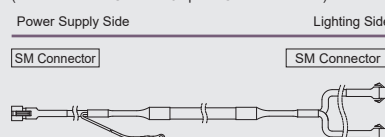


• Voltage Drop Countermeasure Cable

Example: FRCB-n-1.25SQ
(Robot Cable 1.25sq)



Example: FRCB-W-n-1.25SQ-SH
(2-Branch Robot Cable 1.25sq with Ground Terminal)



As the length of the cable gets longer, the brightness decreases due to voltage drops, potentially causing the dimmer to become unstable.
In such cases, a wire with a thicker core is needed to reduce the effect of voltage drops.
If you are having issues, we are happy to consult on a solution to suit your usage conditions.

Control Units and Controllers

Options

SM/EL Cables

PD4
PD3
PD2
POD
PTU2
PF
CN-EPOE
CN-4024-2-EIPT
PB-2430-1
CC-ST-1024
PJ2
PJ
CC-PJ-0707
PSCC
PSB4
PSB3-30024
Lens Filters
Diffusion Plates
Polarizing Plates
Light Control Films
Fixtures, etc.
Brackets