

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.

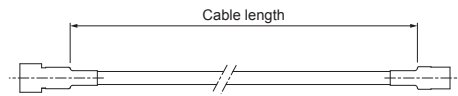
FCB Series (For 24 V / HLV)

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-4	4 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-4	4 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

Spot Light HLV3/HLV2 series cannot be used.

This 2-branch cable connects two LED Lights and a Control Unit.

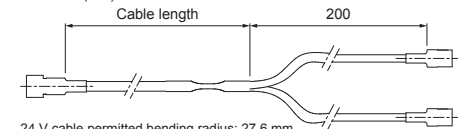
FCB-W Series (For 24 V)

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-4	4 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-4	4 m	
CB-W-5	5 m	

• Dimensions (mm)



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

Total power consumption of the connected Light Units must not exceed the output of the Control Unit. Recommends using a multi-channel Control Unit if you wish to set intensity separately for each Light Unit.

4-Branch Cables

Spot Light HLV3/HLV2 series cannot be used.

This 4-branch cable connects four LED Lights and a Control Unit.

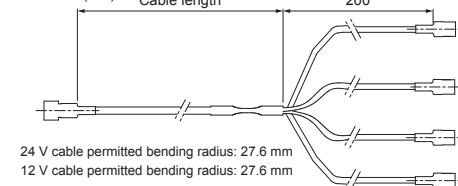
FCB-F Series (For 24 V)

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-4	4 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-4	4 m	
CB-F-5	5 m	

• Dimensions (mm)



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

Total power consumption of the connected Light Units must not exceed the output of the Control Unit. Recommends using a multi-channel Control Unit if you wish to set intensity separately for each Light Unit.

Robot Cables

These robot cables have excellent flexibility and durability.

FRCB Series (For 24 V / HLV)

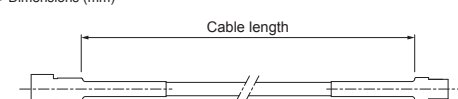
Model name	Cable length	Notes
FRCB-1	1 m	Used for 24 V input LED Lights or the HLV series Spot Lights, and 24 V output Control Units.
FRCB-2	2 m	
FRCB-3	3 m	
FRCB-4	4 m	
FRCB-5	5 m	

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-4	4 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: 28.8 mm
12 V cable permitted bending radius: 27.6 mm



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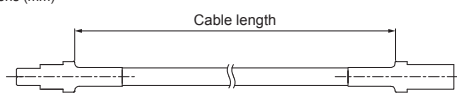
Straight Cables

This extension cable connects an LED Light and Control Unit.

FCB-EL2 Series (For 24 V)

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

• Dimensions (mm)



Cable permitted bending radius: 29.6 mm

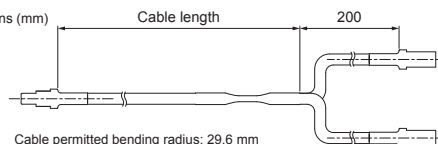
2-Branch Cables

This 2-branch cable connects two LED Lights and a Control Unit.

FCB-W-EL2 Series (For 24 V)

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

• Dimensions (mm)



Cable permitted bending radius: 29.6 mm

Caution The light intensity might be unstable if you join cables.