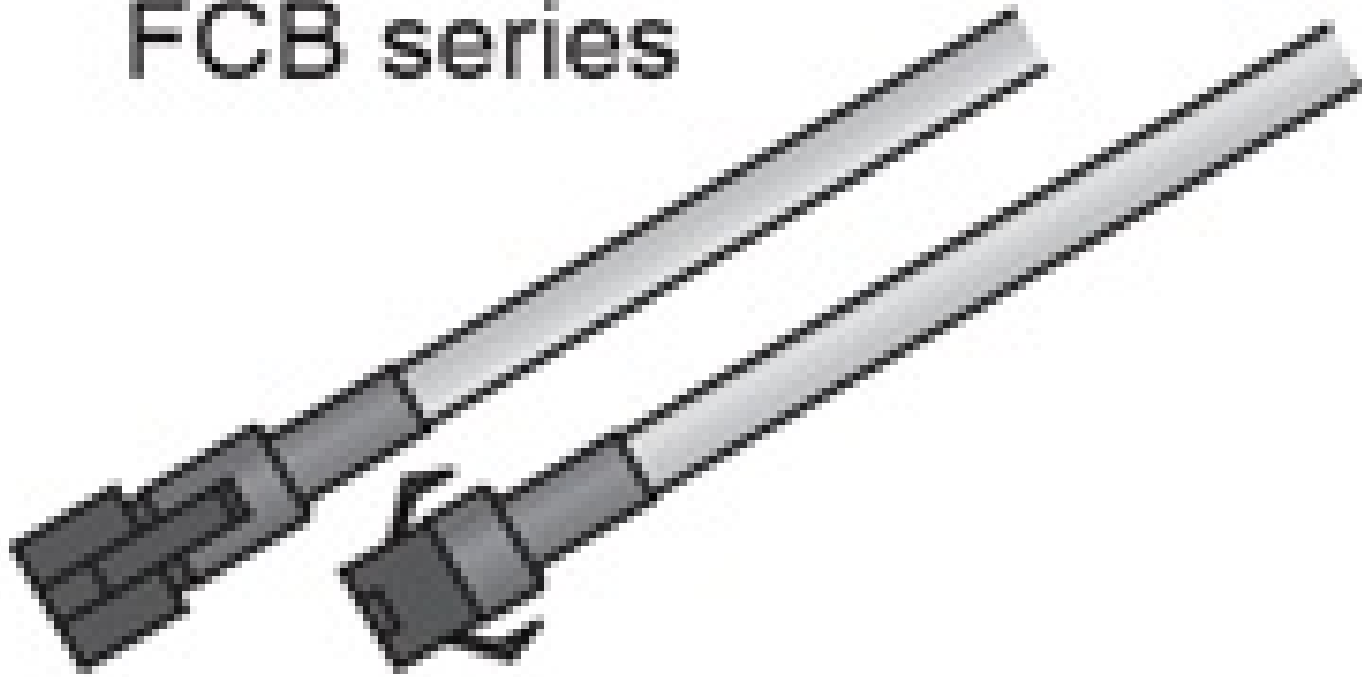


# Controller Cable FCB-1

See More by [CCS](#)

## FCB series



Control  
Unit side

Light Unit  
side

Stock #20-172 **1 In Stock**

1  MRP ₹3,080

Price inclusive of all taxes

**ADD TO CART**

### Volume Pricing

Qty 1+	₹3,080 each
Need More?	<a href="#">Request Quote</a>

### Product Downloads

### General

FCB-1 **Model Number:**

### Regulatory Compliance

[View](#) **Certificate of Conformance:**

Japan **Country of Origin:**

**Imported By:**

Edmund Optics India Private Limited  
267, Greystone Building, Second Floor,  
6th Cross Rd, Binnamangala,  
Stage 1, Indiranagar, Bengaluru,  
Karnataka, India 560038  
Phone: +91- 80-6845 0000

## Product Details

- Thin, Compact, and Lightweight Housing
- Available in Multiple LED Colors
- Wide Range of Sizes Including Square and Rectangular Shapes

CCS Flat Dome Lights are ideal for achieving illumination similar to Coaxial or Dome Lights in a lighter, more compact unit. While standard dome lights are good for creating a diffuse lighting environment that minimizes specular reflection, their mechanical size and imaging aperture through a small hole on top limit their use in compact applications. These flat dome lights provide the same diffuse illumination environments as a standard dome light but in a 10mm thick, flat housing with a large imaging area, greatly increasing the options for working distance, depth of focus, and field of view. CCS Flat Dome Lights can also be used at long working distances to recreate the illumination environment of a coaxial light, which is used to reduce shadowing and has minimal glare. This flexibility makes these flat dome lights suitable for a wide range of industrial and imaging applications, particularly when imaging textured, shiny, or uneven surfaces.

## Technical Information

**Imaging Examples** Introducing various examples using unique characteristics of the Flat Dome Lights

**Electronic Components Industry**

Imaging Characters on a Textured Metal Surface

Workpiece: Capacitor

Conventional product: Ring Light (Red)

New product: LFX3-25RD (Red)

The surface texture makes it difficult to read the characters clearly.

Effects from the surface texture are suppressed so that the characters stand out clearly.

**Electronic Components Industry**

Imaging Characters on Button Batteries

Workpiece: Button battery in a metal package

Conventional product: Dome Light (Red)

New product: LFX3-100RD (Red)

The textured surface makes it impossible to read the printed characters.

Effects from the textured surface are suppressed so that the characters stand out clearly.

**Packaging Industry**

Imaging Shrink Film of Containers

Workpiece: Foodstuffs (plastic container)

Conventional product: Ring Light (Blue)

New product: LFX3-100BL (Blue)

The shrink film is poorly imaged.

The shrink film is clearly imaged.