

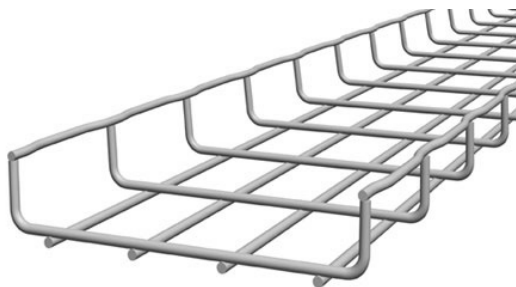


**COMMUNICATIONS**

*Let's Get Connected*

# CABLE MANAGEMENT

## CABLE BASKET



### INTRODUCTION

A strong yet flexible solution is needed to meet the demands of power, data and systems cabling installed in modern buildings.

Lux offers cable basket system solution that is easy to deploy with a full range of accessories for fast and easy installation.

The cable baskets are fully complied with IEC 61537.

### FEATURES

- Easy installation and labour saving
- Supports large quantities of cables
- Full range of accessories
- Easy to splice and bond together
- Easy to maintain and expand
- Can be used above ceiling, under raised floor or the top of racks

### MATERIAL

- Carbon Steel (Q235B)
- Stainless Steel (304L / 316L)

### SURFACE TREATMENT

- Carbon Steel
- Electro Zinc
- Hot-Dip Galvanized
- Powder Coated


### CABLE BASKET SYSTEMS

50(W), 100(W), 200(W), 300(W), 400(W), 600(W) series and 50(H), 100(H), 150(H) mm height is the standard. The wire diameter is available in 4mm, 5mm and 6mm. Other sizes are also available.

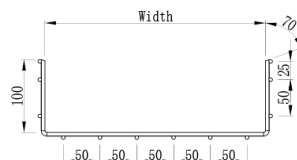
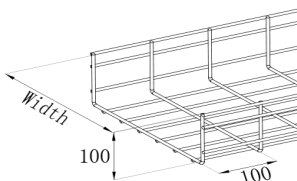
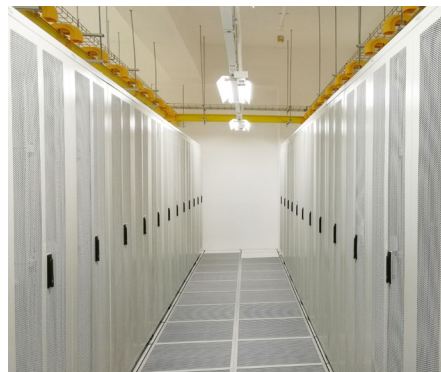
Cable baskets are manufactured in the standard length of 2000mm. Other dimension of cable baskets are also available.

All baskets and accessories offer crucial protection from rust and corrosion.

### SAFE WORKING LOAD

Safe working load per 1.5m interval for cable basket: 

- 5mm wire diameter: 300(W) cable basket - 124kg/interval
- 5mm wire diameter: 400(W) cable basket - 101kg/interval
- 5mm wire diameter: 600(W) cable basket - 60kg/interval
- 6mm wire diameter: 300(W) cable basket - 184kg/interval
- 6mm wire diameter: 400(W) cable basket - 209kg/interval
- 6mm wire diameter: 600(W) cable basket - 119kg/interval



Above: Typical 300(W) Section View





# COMMUNICATIONS

Let's Get Connected

The chart help to determine the best finished for different applications and environments

Material	Finishing	Indoor Installations	Outdoor Installation	Petroleum / Chemical Plants	Marine/Salt Environments	Acid, Alkaline Environments	Food Production / Clean Rooms	Halogen Environments
Carbon Steel	Electro Zinc Plating	●						
Carbon Steel	Hot-Dip Galvanized		●	○	○	○		
Carbon Steel	Powder Coated	●						
Stainless Steel 304L	Cleaned and Passivated		●	●	○	○	●	○
Stainless Steel 316L	Cleaned and Passivated		●	●	●	●	●	●

● Recommended ○ Possible

## ORDERING PART NUMBER

Example: CBK-500B100EZ = Cable Basket, 500(W)x100(H)mm, 5mm dia. Wire, Electro Zine finishing

Character	C	B	K	—	A	B	C	D	E	F	G	H	I
Example	C	B	K	—	5	0	0	B	1	0	0	E	Z

ABC – Width (mm)
050 = 50mm
100 = 100mm
150 = 150mm
200 = 200mm
300 = 300mm
400 = 400mm
500 = 500mm
600 = 600mm
(Example)

D – Wire Diameter (mm)
A = 4mm
B = 5mm
C = 6mm
(Example)

EFG – Height (mm)
050 = 50mm
100 = 100mm
150 = 150mm
(Example)

HI – Finishing
EZ = Electro Zinc
HD = Hot-Dip Galvanized
PC = Powder Coated
S4 = Stainless Steel 304L
S6 = Stainless Steel 316L
(Example)

### Notes

Please contact us for other configuration and customization





# COMMUNICATIONS

*Let's Get Connected*

## ACCESSORIES

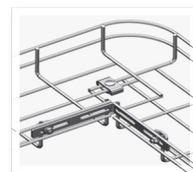
### Connection and Joint Accessories



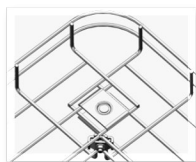
Coupler Kit – LXBFK011



Strengthen Bar Kit – LXBFK021



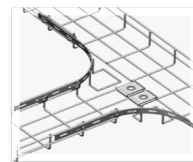
L Connector Kit – LXBFK051



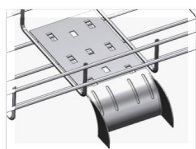
Axis Coupler Kit – LXBFK061



Snap Clamp – LXBF071



Link Span Kit – LXBFK111 and LXBFK141



Cable Exit Clip – LXBF911 and LXBF921



Radius Shield – LXBF171, LXBF181 and LXBF191



Fast Locking Connector – LXBF041

### Wall Mounting Accessories

#### Wall T-Bracket (Black)

LXBF613 – Wall T-Bracket for 100(W)mm cable basket

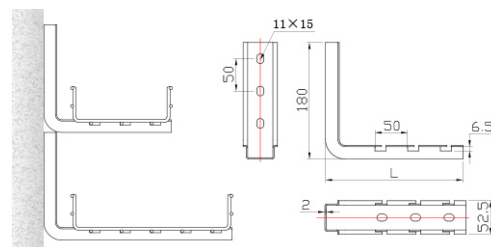
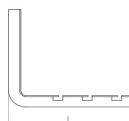
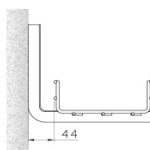
LXBF623 – Wall T-Bracket for 150(W)mm cable basket

LXBF633 – Wall T-Bracket for 200(W)mm cable basket

LXBF643 – Wall T-Bracket for 300(W)mm cable basket

LXBF653 – Wall T-Bracket for 400(W)mm cable basket

- Easy installation with expansion bolt
- Good supporting strength
- Can be used for multi layer
- Width of cable basket exactly match with the bracket arm
- Snap-on design. Screw is not required for fixing the cable basket on bracket
- Available in electro zinc plating, hot-dip galvanized and stainless-steel finishing





# COMMUNICATIONS

Let's Get Connected

## ACCESSORIES

### Wall Mounting Accessories

#### Triangle T-Bracket (Black)

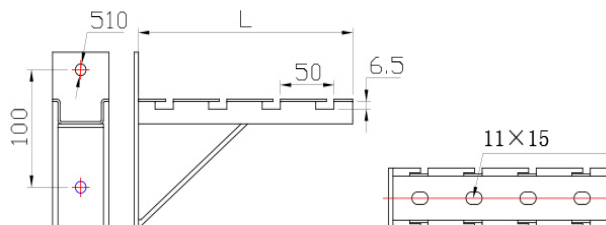
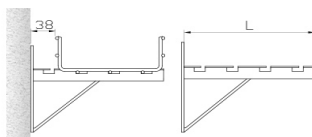
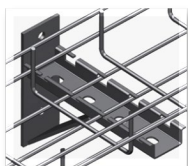
LXBF713 – Triangle T-Bracket for 100(W)mm cable basket

LXBF723 – Triangle T-Bracket for 150(W)mm cable basket

LXBF733 – Triangle T-Bracket for 200(W)mm cable basket

LXBF743 – Triangle T-Bracket for 300(W)mm cable basket

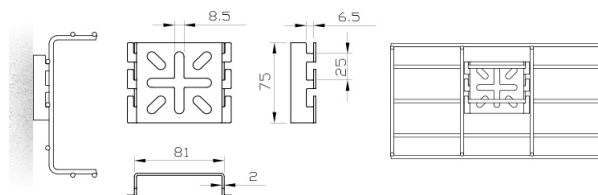
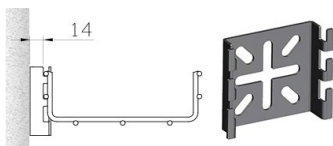
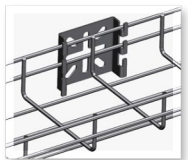
- Easy installation with expansion bolt
- Weld assembly
- Width of cable basket exactly match with the bracket arm



#### Square Bracket (Black)

LXBF533 – Square Bracket

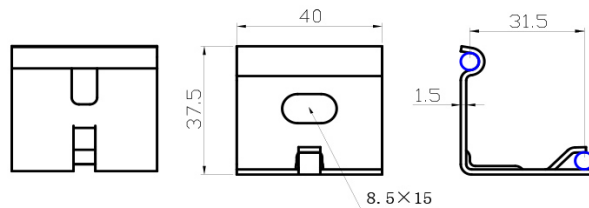
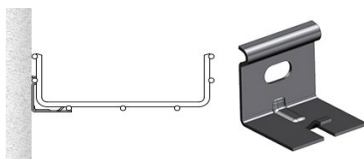
- Easy installation with expansion bolt
- Suitable for space limitation environment
- Only require 100mm installation space
- Also apply for **floor mount**
- Snap-on design. Screw is not required for fixing the cable basket on bracket
- Available in electro zinc plating, hot-dip galvanized and stainless-steel finishing



#### Hook Bracket (Black)

LXBF543 – Hook Bracket

- Easy installation
- Suitable for small width cable basket
- Suitable for light loading and small amount of cables
- Space not required between the wall and basket
- Snap-on design. Screw is not required for fixing the cable basket on bracket
- Available in electro zinc plating, hot-dip galvanized and stainless-steel finishing





# COMMUNICATIONS

Let's Get Connected

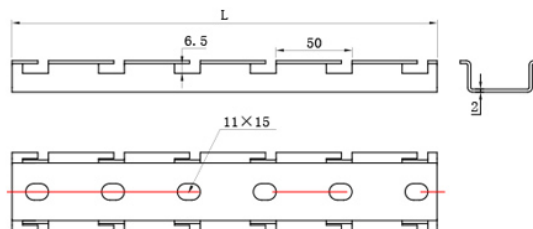
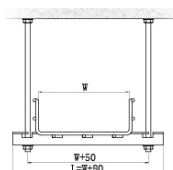
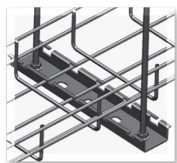
## ACCESSORIES

### Ceiling Mounting Accessories

#### T-Channel Bar (Black)

LXBF213 – T-Channel Bar for 100(W)mm cable basket  
 LXBF223 – T-Channel Bar for 200(W)mm cable basket  
 LXBF233 – T-Channel Bar for 300(W)mm cable basket  
 LXBF243 – T-Channel Bar for 400(W)mm cable basket  
 LXBF253 – T-Channel Bar for 500(W)mm cable basket  
 LXBF263 – T-Channel Bar for 600(W)mm cable basket

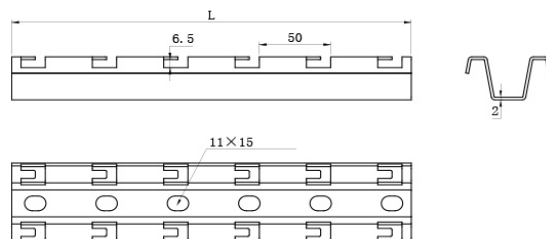
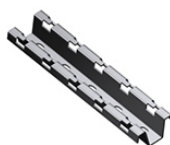
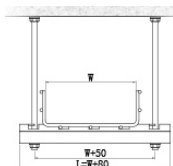
- Mounting the hanger with M10 threaded rod from ceiling
- Snap-on design. Screw is not required for fixing the cable basket on channel bar
- Available in electro zinc plating, hot-dip galvanized and stainless-steel finishing



#### M-Channel Bar (Black)

LXBF313 – M-Channel Bar for 100(W)mm cable basket  
 LXBF323 – M-Channel Bar for 200(W)mm cable basket  
 LXBF333 – M-Channel Bar for 300(W)mm cable basket  
 LXBF343 – M-Channel Bar for 400(W)mm cable basket  
 LXBF353 – M-Channel Bar for 500(W)mm cable basket  
 LXBF363 – M-Channel Bar for 600(W)mm cable basket

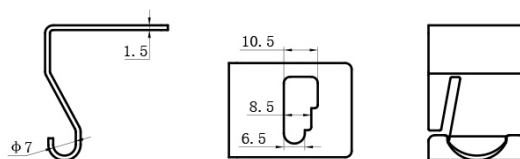
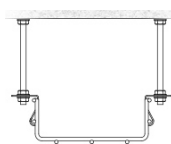
- Provide higher support than T-Hanger
- Mounting the hanger with M10 threaded rod from ceiling
- Snap-on design. Screw is not required for fixing the cable basket on channel bar
- Available in electro zinc plating, hot-dip galvanized and stainless-steel finishing



#### Hanging Clip (Black)

LXBF513 – Hanging Clip

- Used for 300W cable basket in maximum width
- Available in electro zinc plating, hot-dip galvanized and stainless-steel finishing





# COMMUNICATIONS

*Let's Get Connected*

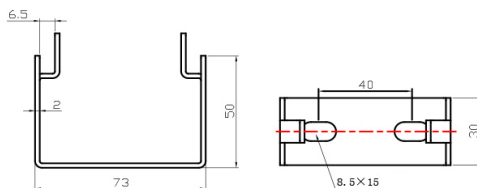
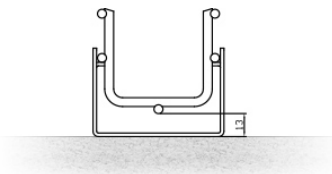
## ACCESSORIES

### Floor Mounting Accessories

#### 50mm Floor Stand Bracket (Black)

LXBF813 – 50mm Floor Stand Bracket for 50(W)mm cable basket

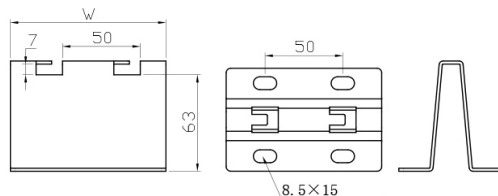
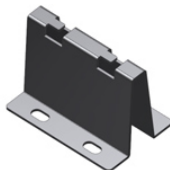
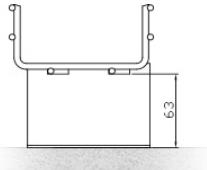
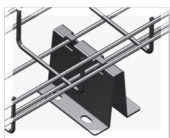
- Only suitable for 50mm(W) cable basket
- Also apply to top of rack
- Snap-on design. Screw is not required for fixing the cable basket on stand bracket
- Available in electro zinc plating, hot-dip galvanized and stainless-steel finishing



#### Floor Stand Bracket (Black)

LXBF823 – Floor stand bracket for 100(W)mm cable basket  
LXBF833 – Floor stand bracket for 150(W)mm cable basket  
LXBF843 – Floor stand bracket for 200(W)mm cable basket

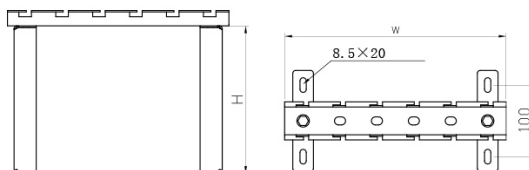
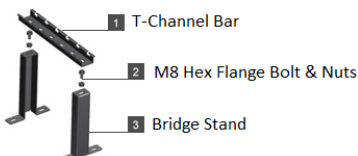
- Snap-on design. Screw is not required for fixing the cable basket on stand bracket
- Available in electro zinc plating, hot-dip galvanized and stainless-steel finishing



#### Bridge Stand Bracket (Black)

LXBFK213 – 50mm height bridge stand bracket  
LXBFK223 – 100mm height bridge stand bracket  
LXBFK233 – 150mm height bridge stand bracket  
LXBFK243 – 200mm height bridge stand bracket  
LXT511 – M8 hex flange bolt  
LXT611 – M8 hex flange nut  
LXBF213 – T-Channel Bar for 100(W)mm cable basket  
LXBF223 – T-Channel Bar for 200(W)mm cable basket  
LXBF233 – T-Channel Bar for 300(W)mm cable basket  
LXBF243 – T-Channel Bar for 400(W)mm cable basket  
LXBF253 – T-Channel Bar for 500(W)mm cable basket  
LXBF263 – T-Channel Bar for 600(W)mm cable basket

- Bridge stand bracket solutions including T-channel bar, bridge stand, M8 hex flange bolt and nut
- Suitable for 100mm to 600mm width cable basket
- Snap-on design. Screw is not required for fixing the cable basket on stand bracket
- Available in electro zinc plating, hot-dip galvanized and stainless-steel finishing



The information and specification in this document are subjected to change without notice