







CABLE TRAY SYSTEMS GUIDE

Steel Ladder | Aluminum Ladder | Wire Basket

Cable Tray Systems Guide

HUBBELL

Hubbell Wiring Device-Kellems and Hubbell Premise Wiring are divisions of Hubbell Incorporated, a U.S. headquartered manufacturer with over 130 years of supplying solutions for the electrical and data markets. Hubbell's strength is demonstrated by a long-standing reputation for supplying reliable electrical and cabling support products.

Our highly trained sales force and distribution network have earned global recognition in the structured cabling industry. With offices in many countries and a worldwide distribution network, Hubbell makes customer satisfaction our highest priority.

HERE TO HELP

Working with schematics and blueprints can be a very time-consuming and costly part of doing business. Many contractors employ full-time staff to count components when planning jobs and providing estimates. This task can be handled much more efficiently using Hubbell's take off services. Hubbell Take Off Support provides the contractor, engineer, end user a completed BOM, including all related products, counts, symbol legends and information required to price a project. Don't spend the many hours required to do counts and create BOMs for projects, rely on Hubbell's take off services to do it for you.

BIM

Hundreds of BIM models available to assist with data center design:

- Cabling infrastructure products
- Cable management
- Power
- Grounding
- BIM models
- CAD drawings
- CSI specification text

Tray Selection







| ENVIRONMENT | | RONMENT | Steel Ladder | Aluminum Ladder | Wire Basket |
|-------------|--------|-----------------|--------------|------------------|---------------------------------|
| | | Commercial | General Use | High Volume | PreGalvanized |
| | OR | Data Center | General Use | High Volume | PreGalvanized |
| | INDOOR | Industrial | - | All Applications | 304 Stainless, HD Galvanized |
| | | Food Processing | - | - | 304 Stainless |
| | OR | General Rooftop | - | All Applications | HD Galvanized |
| | ООТБОО | Pipe | - | All Applications | - |
| | Ö | Corrosive/Ocean | - | All Applications | 304 Stainless, HD Galvanized |







| CABLE TYPE | | Steel Ladder | Aluminum Ladder | Wire Basket |
|------------|-------------------------|--------------------------------|--------------------------------|--------------------------------|
| POWER | Armored BX | - | All Applications | Add Dividers for Power/Data |
| POV | High Voltage | - | All Applications | - |
| | Category Cabling | Add Dividers for Power/Data | Add Dividers for Power/Data | Add Dividers for Power/Data |
| DATA | Fiber Optic | - | - | Add Inserts |
| | Fiber Optic- Armored | All Applications | All Applications | All Applications |







| PERFORMANCE | | FORMANCE | Steel Ladder | Aluminum Ladder | Wire Basket |
|-------------|---------|---------------|--------------|-------------------------------|----------------------------|
| | FINISH | Material | Steel | Aluminum | Steel, Stainless |
| | Z L | Color | Black, Gray | Aluminum | Steel, Black, Custom Paint |
| | | Rung Spacing | 9" | 9" | 4" |
| | Ŋ N | Max Loading | 45 lbs/ft | Up to 100 lbs/ft | Up to 150 lbs/ft |
| | LOADING | Support Pitch | 5' | 12' | 6' |
| | _ | Tray Length | 6' to 10' | 12' | 10' |
| | | Standards | - | cULus, NEMA VE1, CSA C22.2 | cULus |

Steel Ladder System

Hubbell's NEXTFRAME Ladder Tray is the effective and widely used cable runway that supports and delivers bundles of cable between cabinets, racks, and closets, along walls, and suspended from ceilings.

The Ladder Tray features light, rugged, tubular steel construction. It is designed for mechanical support and strain relief in long runs of cable and creates a smooth gradual bend for cable. Rail and stringer material is 16 ga steel tubing.

The NEXTFRAME* Ladder Tray is available in popular gray and black finishes to complement equipment in any data center. The complete NEXTFRAME* Ladder Tray system features a broad line of sizes and fittings required for proper installation.

FEATURES

- Supports horizontal/vertical and overhead cable management
- Durable black or gray powder coat finish
- · Supports UTP or fiber cabling
- Complete family of accessories includes: wall supports and brackets, cable drops, retaining posts, splice kits, and ceiling mounting kits



- Material: 16 ga. tubular steel
- Durable powder coat
- Stringer dimensions: 0.375"W x 1.5"H
- Rung spacing: 9.0"
- Weight capacity: 45 lbs./foot



APPLICATIONS

Use in data centers, the equipment room, and telecommunications room to provide racking, cable management, and grounding for network hardware.

Modular System: Easily Configured for New and Existing Cable Routing.

Mounts to: Floors, Walls, Ceilings, Equipment Racks, and Cabinets.

Tip: Secure Ladder to Cabinet Tops Using J-bolt Kit and Drilling Holes as Required.



Straight Sections

| or argine occions | | | | | |
|-------------------|------------------|----------|-------------------|----------|--|
| Width | 6' (1829) Length | | 10' (3048) Length | | |
| Inches (mm) | Gray | Black | Gray | Black | |
| 6" (152) | HLS0606G | HLS0606B | HLS1006G | HLS1006B | |
| 12" (305) | HLS0612G | HLSO612B | HLS1012G | HLS1012B | |
| 18" (457) | HLS0618G | HLSO618B | HLS1018G | HLS1018B | |
| 24" (610) | HLS0624G | HLS0624B | HLS1024G | HLS1024B | |

Note: Width = outside to outside dimensions.

90° Turns

| Width | Inside Radius 90° | | Outside Radius 90 | O° |
|----------------------|-------------------|----------------|-------------------------------------|-----------------------|
| Inches (mm) | Gray | Black | Gray | Black |
| 6" (152) | HLI0690G | HLI0690B | HLO0690G | HLO0690B |
| 12" (305) | HLI1290G | HLI1290B | HLO1290G | HLO1290B |
| 18" (457) | HLI1890G | HLI1890B | HLO1890G | HLO1890B |
| 24" (610) | HLI2490G | HLI2490B | HLO2490G | HLO2490B |
| Width | Flat Turns 90° | Internal Radiu | Internal Radius 90 | 0°, 8.25" (210) Width |
| Width Inches (mm) | | | Internal Radius 90°, 8.25" (210) Wi | 0°, 8.25" (210) Width |
| | Gray | Black | Gray | Black |
| 6" (152) | HLF0690G | HLF0690B | | |
| 12" (305) | HLF1290G | HLF1290B | HLCG | HLCB |
| 18" (457) | HLF1890G | HLF1890B | пьсо | пьсь |
| 24" (610) | HLF2490G | HLF2490B | | |
| | | | | |



| Jumper Ait | | | |
|-------------|--|----------|-------------|
| Туре | Contents | Material | Catalog No. |
| Ladder Tray | Includes: (1) 9" #6 conductor with long barrel lugs crimped on both ends, stainless steel hardware, labeled, antioxidant | Copper | HGRKTD9D |

Splice Kits







| Butt Splice Kit | Swivel Splice Kit | T-Junction Splice Kit |
|-----------------|-------------------|-----------------------|
| HLBSK | HLSSK | HLTK |

Wall Angle Supports

| Width Inches (mm) | Gray | Black |
|----------------------|----------|---------|
| 6-12" (152-305) | HLX0612G | HLX0612 |
| 18" (457) | HLX1518G | HLX1518 |
| 24" (610) | HLX24G | HLX24 |



Ceiling Mounting Kit

| Description | Black |
|---|-------|
| Ceiling mounting kit with two 6' x 0.625Ø threaded rods | HLCMK |
| Brackets only | HLCF |



Wall/Rack Mounting Kit

| Description | Black | |
|---|-------|--|
| Includes (1) HLMPK19, (1) HLX0612, (1) 40"L x 12"W ladder section | HLWRK | |

Vertical Wall Bracket

| Description | Black |
|-------------|--------|
| 2 clips | HLVWBK |



Protective End Caps

| Description | Black |
|-------------|---------|
| 2-pack | HLECPK2 |



J-Bolt Kit

| Description | Catalog Number |
|--------------------|----------------|
| 2-pack, galvanized | HLJB |



Ladder Standoff Support

| Description | Gray | Black |
|----------------------|--------|--------|
| 14" vertical support | HLH14G | HLH14B |



Foot Kit

| Description | Black |
|---------------------|-------|
| 2-pack with splices | HLRF |



Mounting Kit to Relay Rack

| Description | Black | | |
|-------------|----------|--|--|
| 3" rack | HLMPK19 | | |
| 6" rack | HLMPK19D | | |



Triangle Wall Supports

| Width Inches (mm) | Gray | Black |
|----------------------|----------|----------|
| 6" (152) | HLTSB06G | HLTSB06B |
| 12" (305) | HLTSB12G | HLTSB12B |
| 18" (457) | HLTSB18G | HLTSB18B |
| 24" (610) | HLTSB24G | HLTSB24B |



Cable Radius Drop

| | · · · · · · · · · · · · · · · · · · · | |
|-----------------------------|---------------------------------------|---------|
| Ladder Width Inches (mm) | Actual Width Inches (mm) | Black |
| 6" (152) | 4.5" (114) | HLCD06* |
| 12" (305) | 10.75" (273) | HLCD12 |
| 18" (457) | 16.75" (425) | HLCD18 |
| Stringer | 7.5" (191) | HLCDS |



Cable Retaining Fence Posts

| Nominal Height Inches (mm) | Gray | Black |
|-------------------------------|--------|--------|
| 6" (152) | HLP06G | HLP06B |
| 8" (203) | HLP08G | HLP08B |
| 10" (254) | HLP10G | HLP10B |



Elevation Kit

| Height Inches (mm) | Black |
|-----------------------|--------|
| 2-3" (51-76) | HLEK23 |
| 4-6" (102-152) | HLEK46 |



^{*}Can also be mounted on stringer

Aluminum Ladder System

SPAN/LOAD CLASS DESIGNATIONS

Commonly called the Load Class, this defines the load-carrying capability of the tray for a specific support span distance. The design and cost of the cable tray is greatly affected by this designation. In order to determine the most appropriate and economical system, a class should be selected that reflects the actual total working load and support span for each application.

CONCENTRATED STATIC LOADS:

Some applications may require the cable tray to support the weight of a single, dead object in addition to the cable loads. Specifications typically require this to be applied at the midpoint of the span between the tray supports, which is the worst-case location.

To incorporate this in the tray design the following formula can be used to convert the concentrated static load in pounds to an equivalent uniform load (W) in pounds per foot. That equivalent load can then be combined with the weight of cables, tray contents, and other loads that are also expressed in lbs/ft to determine the total Working Load.

W_e= 2 x (Concentrated static load, lbs)
support span lenth, ft

Note: This calculation is based on the load being applied at the center of the tray in the middle of a rung or bottom. If the specification requires the concentrated static load to be applied on top of one side rail, then the equivalent uniform load will be 2 times the result of this calculation.

Example: A cable tray is to be supported on 20' spans. It shall contain 50 lbs/ft of cables and support 15 lbs/ft of snow load. It is also required to support a 250 pound concentrated static load applied in the center of the tray width.

Using the calculation above, the concentrated static load is converted to an equivalent uniform load as follows: $2 \times 250 \, \text{lbs} / 20 \, \text{ft} = 25 \, \text{lbs/ft}$

The Total Working Load will be the combination of all 3 loads, expressed in lbs/ft:

Cables 40 lbs
Snow + 15 lbs/ft
Concentrated Load +25 lbs/ft

Total Working Load: 80lbs/ft

Refer to the chart on the right. With a support span of 20' and a total working load of 80 lbs/ft, a NEMA Class 20B tray rated at 75 lbs/ft will not be adequate. A NEMA Class 20C tray, rated at 100 lbs/ft, will be required.

Material: All fittings are aluminum with arc-welded construction.

Side Rails: Fitting side rails are I-beams with overall dimensions similar to straight tray sections.

Rungs and Bottoms: Rung and Bottom designs are identical to similar straight cable tray sections.

Tangents: All fittings have 3" tangents (flats) at the end of all curved side rails to accommodate splice plate connectors.

Radius: Standard NEMA VE1 12", 24" and 36" available for all curved fittings.

Square Corners: 90 Degree Horizontal Elbows, Horizontal Tees and Horizontal Crosses are available with square corners (0" Radius). The 6" through 18" square-corner fittings are designed to align with the centerline of 24" square panels of raised-floor systems

Splice Plates: All elbows are supplied with one pair of standard splice plates with hardware at no charge. Wye fittings and tees include 2 pairs and crosses include 3 pairs with hardware at no charge.

Span/Load Class Designations Per NEMA Standard VE1/CSA C22.2 No.126

| Working Load | | Supp | oort Span | ı, Feet (M | eters) | |
|------------------|-----------------|-----------------|------------------|------------------|------------------|------------------|
| LBS/FT (Kg/M) | 5 Ft (1.5 M) | 8 Ft (2.4 M) | 10 Ft (3.0 M) | 12 Ft (3.6 M) | 16 Ft (4.9 M) | 20 Ft (6.0 M) |
| 25 (37) | 5AA | 8AA | 10AA | 12AA | | 20AA |
| 45 (67) | | | | | | D |
| 50 (74) | 5A | 8A | | 12A | 16A | 20A |
| 65 (97) | | | С | | | |
| 75 (112) | | 8B | | 12B | 16B | E* or 20B |
| 100 (149) | | 8C | | 12C | 16C | 20C |
| 120 (179) | | | D | | | |
| 200 (299) | | | E | | | |

^{*} CSA Classes D and E are applicable to both 3.0 and 6.0 meter support spans. The appropriate support span should also be included when specifying these classes (example: D-3M).

WORKING LOAD

The total load supported by the cable tray, uniformly distributed. This will be the combined weight of all of the cables or tray contents, any environmental loads (snow, ice, dust) and any concentrated static loads.

SUPPORT SPAN

The maximum distance between the tray supports.

NEMA LOAD CLASSES

A number (support span in feet) combined with a letter (load capacity:A=50, B=75 and C=100 Lbs/Ft). Defined in the National Electrical ManufacturersAssoc. NEMAStandard VE1.

CSA LOAD CLASSES

A single letter (A,B,C,D,E) designates the support span and load capacity per Canadian Standards Association CSAStandard C22.2, No. 126.



All Hubbell aluminum cable trays are classified by Underwriters Laboratories as suitable for use as equipment grounding conductors per NEC 392 and are certified by UL to meet all requirements of CSA Std. C22.2 No. 126. All NEMA and CSA safe load data is based on destruction load tests that were witnessed and certified to be accurate by Underwriters Laboratories.

CABLE TRAY CROSS-SECTION

- Extruded aluminum alloy 6063-T6
- Side rails are I-Beam profiles
- Rungs are 1-1/8" square tubes with open slot facing down
- Arc-welded construction
- U.L. Classified grounding

- U.L. Certified load capacities NEMA, CSAand NEC Compliant
- Necessary Splice Plates with hardware are included with all straight sections and fittings
- Made in the USA
- Available in 6", 9", 12", 18", 24", 30" and 36" Widths

Cable Tray Straight Sections - Aluminum

| Side Rail Height Load Depth | Load Depth | Load Depth NEMA Load Class | | Safe Load Data (Lbs/Ft Uniformly Distributed, 1.5 Safety Factor | | | |
|-----------------------------|------------|----------------------------|-----|---|-----|-----|--|
| | | 6 | 8 | 10 | 12 | | |
| 4" | | 12B | 324 | 182 | 117 | 81 | |
| 4" 3" | 12C | 400 | 225 | 144 | 100 | | |
| 6" | 6" 5" - | 12B | 356 | 200 | 128 | 89 | |
| о " | | 12C | 420 | 236 | 151 | 105 | |



NEMA 12' Ladder Tray

| | Width Inch | 4 Inch | 6 Inch |
|-----|------------|--------|--------|
| | 12 | LTB412 | LTB612 |
| 12B | 18 | LTB418 | LTB618 |
| | 24 | LTB424 | LTB624 |
| | 12 | LTC412 | LTC612 |
| 12C | 18 | LTC418 | LTC618 |
| | 24 | LTC424 | LTC624 |

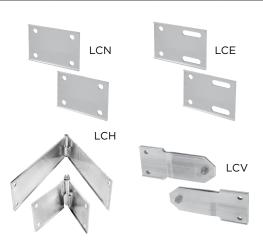
[•]visit our website or catalog for full product offering.

Cable Tray Straight Sections - Aluminum

| Side Rail Height | Load Depth | NEMA Load Class | NEMA Safe Load <i>Load -Span</i> | CSA Load Class | Fittings Class | Standard Tray Length | U.L. Area | AMP Rating |
|---------------------|-----------------------|-----------------------|-------------------------------------|-------------------|-------------------|-------------------------|-----------|------------|
| All | Z " | 12B | 81 lbs/ft - 12' span | С | 1 | 12' | 0.60in | 1000 |
| 4" 3" 12C | 100 lbs/ft - 12' span | D-3M | 1 | 12' | 0.60in | 1000 | | |
| C" | F.'' | 12B | 89 lbs/ft - 12' span | D-3M | 1 | 12' | 1.00in | 1200 |
| 6" 5" — | 12C | 105 lbs/ft - 12' span | D-3M | 1 | 12' | 1.00in | 1200 | |

Splice Plates

| | 4 Inch | 6 Inch |
|-----------------------|--------|--------|
| Standard Connector | LCN4 | LCN6 |
| Expansion Connector | LCE4 | LCE6 |
| Horizontal Adjustable | LCH4 | LCH6 |
| Vertical Adjustable | LCV4 | LCV6 |



Aluminum Ladder System

FITTINGS

Elbows

| Descripton | Width | Radius | He | eight |
|------------|-------------------|--------|-------------|-------------|
| | (Inches) (Inches) | | 4 Inch | 6 Inch |
| | 12 | 12 | LFHB9041212 | LFHB9061212 |
| | 12 | 24 | LFHB9041224 | LFHB9061224 |
| Horizontal | 18 | 12 | LFHB9041812 | LFHB9061812 |
| 90° | 18 | 24 | LFHB9041824 | LFHB9061824 |
| | 24 | 12 | LFHB9042412 | LFHB9062412 |
| | 24 | 24 | LFHB9042424 | LFHB9062424 |
| | 12 | 12 | LFHB4541212 | LFHB4561212 |
| | 12 | 24 | LFHB4541224 | LFHB4561224 |
| Horizontal | 18 | 12 | LFHB4541812 | LFHB4561812 |
| 45° | 18 | 24 | LFHB4541824 | LFHB4561824 |
| | 24 | 12 | LFHB4542412 | LFHB4562412 |
| | 24 | 24 | LFHB4542424 | LFHB4562424 |
| | 12 | 12 | LFVO9041212 | LFVO9061212 |
| | 12 | 24 | LFVO9041224 | LFVO9061224 |
| Vertical | 18 | 12 | LFVO9041812 | LFVO9061812 |
| outside | 18 | 24 | LFVO9041824 | LFVO9061824 |
| | 24 | 12 | LFVO9042412 | LFVO9062412 |
| | 24 | 24 | LFVO9042424 | LFVO9062424 |
| | 12 | 12 | LFVI9041212 | LFVI9061212 |
| | 12 | 24 | LFVI9041224 | LFVI9061224 |
| Vertical | 18 | 12 | LFVI9041812 | LFVI9061812 |
| inside | 18 | 24 | LFVI9041824 | LFVI9061824 |
| | 24 | 12 | LFVI9042412 | LFVI9062412 |
| | 24 | 24 | LFVI9042424 | LFVI9062424 |
| | | | | |









Reducers

| Danadakan | Width 1 | Width 2 | He | ight |
|------------|----------|----------|-----------|-----------|
| Descripton | (Inches) | (Inches) | 4 Inch | 6 Inch |
| | 18 | 12 | LFRC41812 | LFRC61812 |
| Center | 24 | 12 | LFRC42412 | LFRC62412 |
| | 24 | 18 | LFRC42418 | LFRC62418 |
| | 18 | 12 | LFRL41812 | LFRL61812 |
| Left | 24 | 12 | LFRL42412 | LFRL62412 |
| | 24 | 18 | LFRL42418 | LFRL62418 |
| | 18 | 12 | LFRR41812 | LFRR61812 |
| Right | 24 | 12 | LFRR42412 | LFRR62412 |
| | 24 | 18 | LFRR42418 | LFRR62418 |



Horizontal and Vertical Bends available in 30°, 45°, 60° and 90° with 12", 24" and 36" radius.
 See website or catalog for full product offering.

Intersections

| Width 1 (Inches) | Width 2 (Inches) | Radius (Inches) | He 4 Inch | ight 6 Inch |
|---------------------|---------------------|--------------------|--------------|----------------|
| 12 | 12 | 12 | LFX4121212 | LFX6121212 |
| 12 | 12 | 24 | LFX4121224 | LFX6121224 |
| 18 | 12 | 12 | LFX4181212 | LFX6181212 |
| 18 | 12 | 24 | LFX4181224 | LFX6181224 |
| 18 | 18 | 12 | LFX4181812 | LFX6181812 |
| 18 | 18 | 24 | LFX4181824 | LFX6181824 |
| 24 | 12 | 12 | LFX4241212 | LFX6241212 |
| 24 | 12 | 24 | LFX4241224 | LFX6241224 |
| 24 | 18 | 12 | LFX4241812 | LFX6241812 |
| 24 | 18 | 24 | LFX4241824 | LFX6241824 |
| 24 | 24 | 12 | LFX4242412 | LFX6242412 |
| 24 | 24 | 24 | LFX4242424 | LFX6242424 |



Tees

| 1005 | | | | |
|---------------------|----|--------------------|------------|------------------|
| Width 1 (Inches) | | Radius (Inches) | | leight 6 Inch |
| 12 | 12 | 12 | LFT4121212 | LFT6121212 |
| 12 | 12 | 24 | LFT4121224 | LFT6121224 |
| 12 | 18 | 12 | LFT4121812 | LFT6121812 |
| 12 | 18 | 24 | LFT4121824 | LFT6121824 |
| 12 | 24 | 12 | LFT4122412 | LFT6122412 |
| 12 | 24 | 24 | LFT4122424 | LFT6122424 |
| 18 | 12 | 12 | LFT4181212 | LFT6181212 |
| 18 | 12 | 24 | LFT4181224 | LFT6181224 |
| 18 | 18 | 12 | LFT4181812 | LFT6181812 |
| 18 | 18 | 24 | LFT4181824 | LFT6181824 |
| 18 | 24 | 12 | LFT4182412 | LFT6182412 |
| 18 | 24 | 24 | LFT4182424 | LFT6182424 |
| 24 | 12 | 12 | LFT4241212 | LFT6241212 |
| 24 | 12 | 24 | LFT4241224 | LFT6241224 |
| 24 | 18 | 12 | LFT4241812 | LFT6241812 |
| 24 | 18 | 24 | LFT4241824 | LFT6241824 |
| 24 | 24 | 12 | LFT4242412 | LFT6242412 |
| 24 | 24 | 24 | LFT4242424 | LFT6242424 |
| | | | | |

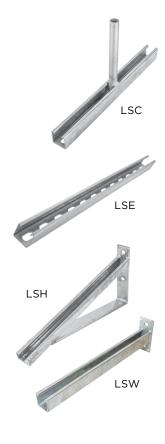


[•]Intersections and Tees available in 12", 24" and 36" radius. See website or catalog for full product offering.

Aluminum Ladder System

Mounting Supports & Brackets

| Descripton | Length Inches | Catalog Number |
|-------------------------|---------------|----------------|
| | 12 | LSC12 |
| Center support | 18 | LSC18 |
| | 24 | LSC24 |
| | 12 | LSE12 |
| Ceiling support | 18 | LSE18 |
| | 24 | LSE24 |
| | 12 | LSH12 |
| Heavy duty wall bracket | 18 | LSH18 |
| bidcket | 24 | LSH24 |
| \A/all laws alvat | 12 | LSW12 |
| Wall bracket | 18 | LSW18 |
| Horizontal support | 4 | LSG4 |
| hanger | 6 | LSG6 |
| Vertical support | 4 | LSV4 |
| hanger | 6 | LSV6 |
| | 4 | LHC4 |
| Hanger rod clamp | 6 | LHC6 |



Hardware

| Descripton | Catalog Number |
|---|----------------|
| Hardware kit for center support, 1/2" threaded rod | LHT12 |
| Hardware kit for center support, 3/8" threaded rod | LHT38 |
| Hardware kit for ceiling support, 1/2" threaded rod | LHC12 |
| Hardware kit for ceiling support, 3/8" threaded rod | LHC38 |
| Hardware kit for wall bracket | LHWB |
| Hold down clip | LHDC |







LHDC





Dividers

| Radius (Inches) | | ight 6 Inch |
|--------------------|-------------------|--|
| - | LD412 | LD612 |
| - | LDF46 | LDF66 |
| 12 | LDVO90412 | LDVO90612 |
| 24 | LDVO90424 | LDVO90624 |
| 12 | LDVI90412 | LDVI90612 |
| 24 | LDVI90424 | LDVI90624 |
| | (Inches) 12 24 12 | (Inches) 4 Inch - LD412 - LDF46 12 LDV090412 24 LDV090424 12 LDVI90412 |

| Descripton | Catalog Number |
|------------------------------|----------------|
| Divider splice, 5 in. length | LDS5 |



ACCESSORIES

Cable Drop Outs

| Width Inches | Catalog Number |
|--------------|----------------|
| 12 | LCD12 |
| 18 | LCD18 |
| 24 | LCD24 |



End Plates

| Height | Width | | Height | |
|----------|----------|--------|--------|---|
| (Inches) | (Inches) | 4 Inch | 6 Inch | |
| 4 | 12 | LBP412 | LBP612 | _ |
| 4 | 18 | LBP418 | LBP618 | |
| 4 | 24 | LBP424 | LBP624 | |



Wall Sleeves

| Width | Height | |
|----------|--------|--------|
| (Inches) | 4 Inch | 6 Inch |
| 12 | LWS412 | LWS612 |
| 18 | LWS418 | LWS618 |
| 24 | LWS424 | LWS624 |



Bonding & Grounding

| Descripton | Catalog Number |
|---------------------------------------|----------------|
| Bonding jumper, 16 in. length, #1 AWG | LGJ16 |
| Ground wire clamp | LGWAL |





Visit our website or see our catalog for full product offering of dividers and accessories.

SUPPORT BROAD RANGE OF **APPLICATIONS**

Hubbell Wiring Systems offers a comprehensive Wire Basket Tray System to handle every application. From pre-galvanized solutions for commercial controlled interior environments to stainless steel versions for industrial applications such as food processing, marine and highly corrosive environments. Hubbell also features labor savings options including No-Splice supports which also reduce material cost, and Pre-Formed fittings which offer tremendous productivity enhancement to the installer by eliminating field cuts that are required when fittings are formed in the field. Hubbell also offers painted trays in virtually any color needed. The painted tray is masked to reduce on-site paint removal saving time and money. Hubbell Wire Basket Systems are available in overhead and raised floor designs. Complete shipments, job site location palletization and markings, and product customization make Hubbell the choice for every wire basket tray installation.

CUSTOMER SUPPORT AND TECHNICAL **ASSISTANCE**

Hubbell's knowledgeable sales team is just a call away for assistance in selecting the proper type basket tray for any application or providing design assistance including developing a bill of material.

WIRE BASKET TRAYS

ROUND WIRE

Round Cross-Wire Design



Features

- T-weld construction prevents snags
- 5mm round wire minimum
- High load rating
- Easy to cut and fabricate fittings in the field
- 100% recycled steel
- 2" x 4" mesh opening

PRE-GALVANIZED FINISH IS **ENVIRONMENTALLY FRIENDLY**

The standard finish for Hubbell Basket Tray is pregalvanized which is a significantly more environment friendly manufacturing process as compared to galvanizing dip. Pre-galvanizing applies a zinc galvanization to the wire PRIOR to fabrication. The galvanized wire then welded and formed into the appropriate basket tray size. Hubbell's pre-galvanized finish performs the same as the post-zinc plated production finish while avoiding secondary chemical processing. A less eco friendly postfabrication electro-zinc finish is also available for those who require it.

SUSTAINABLE APPROACH

Hubbell utilizes a sustainable approach to assist in maintaining the environment. Our wire basket systems utilize 100% recycled steel content in the manufacturing of our tray, and are packaged in kraft unbleached packaging. Packaging and strapping materials are recyclable. MillCerts are available upon request to assist in documenting recycled content for possible LEED credits.

Wire Diameter



.1969" Dia. "Round" Wire Design

- Use factory support hardware or fabricate supports at the job site
- Painted trav includes factory installed masking to ensure proper grounding at splices; no need to remove paint during installation

ELECTROPLATED ZINC

Round Cross-Wire Design

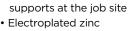


Features

- T-weld construction prevents snags
- 5mm round wire minimum
- High load rating
- Easy to cut and fabricate fittings in the field
- 2" x 4" mesh opening
- Use factory support hardware or fabricate supports at the job site
- galvanized (post plated) made from cabon steel and plated to ASTM B 633, Type III, SC-1

Applications

- Food processing
- Wash down areas
- Corrosive environments
- Outdoor installations
- Marine

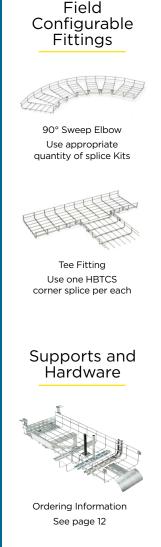


STAINLESS STEEL Round Cross-Wire Design



Features

- Type 304L and 316S stainless steel
- Meets ASTM A580 specifications
- 4.5mm round wire minimum
- · Stainless splice kits and ceiling supports are available



FEATURES



- T-weld construction prevents snags
- High load rating
- Easy to cut and fabricate fittings in the
- 2" x 4" mesh opening

- Use factory support hardware or fabricate supports at the job site
- Painted tray includes factory installed masking to ensure proper grounding at splices; no need to remove paint during installation

| | | | Weight | | Quantity* | | | Finish | |
|---|-------------|-----------------|-----------------------|-----------------------|--------------------|--------------------|----------------------|-----------------------|-----------------------------|
| 10 Feet per Length 118.312" (3m) 10 pc. min. order qty. | Tray Width | Load (Lb/ft) | per Length (Lb) | 90° Sweep Elbow | Straight Splice | Pre- Galvanized | Black Powder Coat | Electroplated Zinc | Stainless Steel Type 304 |
| 2" Deep Tray | 4" (102) | 45 | 7 | 2 | 2 | HBT0204 | НВТО2О4ВК | HBT0204ZP | HBT0204S04 |
| | 6" (152) • | 50 | 9 | 3 | 4 | HBT0206 | нвто206вк | HBT0206ZP | HBT0206S04 |
| | 8" (203) • | 52 | 10.5 | 4 | 4 | HBT0208 | нвто208вк | HBT0208ZP | HBT0208S04 |
| | 12" (305) • | 58 | 12 | 6 | 4 | HBT0212 | HBT0212BK | HBT0212ZP | HBT0212S04 |
| | 16" (406) • | 70 | 15 | 7 | 4 | HBT0216 | нвто216вк | HBTO216ZP | HBT0216S04 |
| 2.38" (<u>6</u> 0) | 18" (457) • | 70 | 23 | 9 | 4 | HBT0218 | НВТО218ВК | HBT0218ZP | HBT0218S04 |
| ← | 20" (508) • | 73 | 25 | 9 | 5 | HBT0220 | нвто220вк | HBT0220ZP | HBT0220S04 |
| | 22" (559) | 73 | 27 | 12 | 5 | HBT0222 | НВТО222ВК | HBT0222ZP | HBT0222S04 |
| | 24" (610) • | 75 | 31 | 12 | 5 | HBT0224 | НВТО224ВК | HBT0224ZP | HBT0224S04 |
| | 26" (660) | 73 | 33 | 13 | 6 | HBT0226 | HBT0226BK | HBT0226ZP | HBT0226S04 |
| | 28" (711) | 73 | 35 | 14 | 6 | HBT0228 | HBT0228BK | HBT0228ZP | HBT0228S04 |
| | 30" (762) | 70 | 38 | 15 | 6 | HBT0230 | НВТО230ВК | HBT0230ZP | HBT0230S04 |
| | 32" (813) | 70 | 39 | 16 | 6 | HBT0232 | НВТО232ВК | HBT0232ZP | HBT0232S04 |
| 4" Deep Tray | 4" (102) | 49 | 12 | 2 | 4 | HBT0404 | НВТО4О4ВК | HBT0404ZP | HBT0404S04 |
| | 6" (152) • | 49 | 13 | 3 | 5 | HBT0406 | нвто406вк | HBTO406ZP | HBT0406S04 |
| | 8" (203) • | 78 | 15 | 4 | 6 | HBT0408 | нвто408вк | HBT0408ZP | HBT0408S04 |
| | 12" (305) • | 78 | 23 | 6 | 6 | HBT0412 | HBT0412BK | HBTO412ZP | HBT0412S04 |
| 4" (102) | 16" (406) • | 108 | 27 | 7 | 7 | HBT0416 | НВТО416ВК | HBTO416ZP | HBT0416S04 |
| | 18" (457) • | 116 | 29 | 9 | 7 | HBT0418 | HBT0418BK | HBTO418ZP | HBT0418S04 |
| ← | 20" (508) • | 116 | 31 | 9 | 7 | HBT0420 | НВТО420ВК | HBT0420ZP | HBT0420S04 |
| | 22" (559) | 116 | 33 | 12 | 8 | HBT0422 | HBT0422BK | HBTO422ZP | HBT0422S04 |
| | 24" (610) • | 116 | 35 | 12 | 8 | HBT0424 | НВТО424ВК | HBTO424ZP | HBT0424S04 |
| | 28" (711) | 108 | 39 | 14 | 9 | HBT0428 | НВТО428ВК | HBTO428ZP | HBT0428S04 |
| 6" Deep Tray | 8" (203) • | 116 | 23 | 4 | 6 | HBT0608 | нвто608вк | HBT0608ZP | HBT0608S04 |
| | 12" (305) • | 123 | 27 | 6 | 6 | HBT0612 | HBT0612BK | HBTO612ZP | HBT0612S04 |
| | 16" (406) • | 123 | 31 | 7 | 7 | HBT0616 | НВТО616ВК | HBTO616ZP | HBT0616S04 |
| 6" (152) | 18" (457) • | 127 | 33 | 9 | 7 | HBT0618 | HBT0618BK | HBTO618ZP | HBT0618S04 |
| | 20" (508) • | 127 | 35 | 9 | 7 | HBT0620 | HBT0620BK | HBT0620ZP | HBT0620S04 |
| ← | 22" (559) • | 127 | 37 | 12 | 8 | HBT0622 | HBT0622BK | HBT0622ZP | HBT0622S04 |
| | 24" (610) • | 150 | 39 | 12 | 8 | HBT0624 | HBT0624BK | HBT0624ZP | HBT0624S04 |
| 8" Deep Tray | 8" (203) • | 116 | 27 | 4 | 8 | НВТО8О8 | нвтововвк | HBT0808ZP | HBT0808S04 |
| | 12" (305) • | 116 | 31 | 6 | 8 | HBT0812 | HBT0812BK | HBT0812ZP | HBT0812S04 |
| 8" | 16" (406) • | 116 | 35 | 7 | 9 | HBT0816 | нвто816вк | HBT0816ZP | HBT0816S04 |
| (208) | 18" (457) • | 116 | 37 | 9 | 9 | HBT0818 | нвтов18вк | HBT0818ZP | HBT0818S04 |
| | 20" (508) • | 116 | 39 | 9 | 9 | HBT0820 | НВТО820ВК | HBT0820ZP | HBT0820S04 |
| → | (300) | | | | | | | · - > · | |

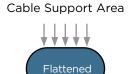
UL Classified/cUL Classified as equipment ground conductor.
 Note: All dimensions are +/- 0.25". Custom paint colors available in addition to Black Powder Coat (Contact Hubbell).
 See page 14 for wire fill and maximum load chart.
 *See page 13 for details.



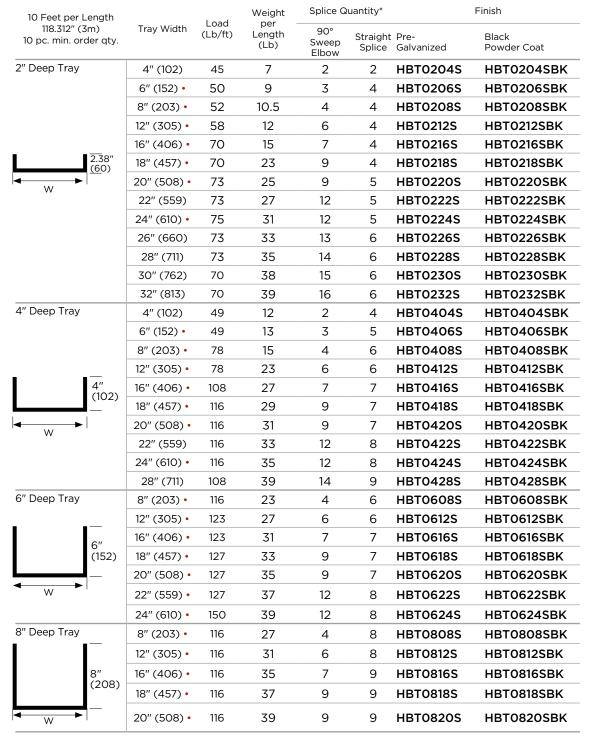
FEATURES

- Flat shaped cross-wires provide significantly more surface area to support weight of cables
- Flat ribs provide 400% more surface area and reduce stress on cables by 60%
- 100% recycled steel

- 2" x 4" mesh opening
- Reduction in stress helps maintain Cat 6 and Cat 6A performance
- Cuts and configures the same as round wire tray
- Uses the same splicing and mounting hardware as round wire tray



.03125 sq. inch "Flat" Wire Design (based on .125" dia. cable)



[•]UL Classified/cUL Classified as equipment ground conductor.

Note: All dimensions are +/- 0.25". Custom paint colors available in addition to Black Powder Coat (Contact Hubbell).

See page 14 for wire fill and maximum load chart.

INSTALLATION EFFICIENCY



1. Splicing hardware included

Hubbell pre-formed fittings are time and cost effective solutions to installing 90 degree radius, Tees and Intersections, no cutting and no configuring. Hubbell offers Pre-galvanized or Black powder painted finishes. The fittings simply attach at the Intersections Tees or junctions when you want a radius bend. The fittings are manufactured precisely to the basket tray being utilized providing a clean engineered solution.

Installation of Hubbell pre-formed fittings can reduce installation configurations from hours to a few minutes. Labor and time savings can exceed 90% plus versus traditional cutting and splicing. Pre-formed fittings ensure a consistent installation every time and also avoids the sharp wire edges caused during the cutting process. Standard Hubbell pre-formed fittings consist of a pregalvanized base with black polymer sides and splicing hardware.



2. Attach first tray with washer support and ¼"-20 nut and bolt



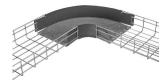
3. Washer support secured to tray



4. Attach second tray

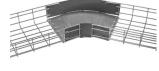


5. Install is complete









| Tray Size | Tray Width | 90 Degree | Tee | Intersection | 45 Degree | 30 Degree |
|-----------------|------------|-----------|-----------------|--------------|-----------|-----------|
| | 4"(102) | HBTR0204 | HBTT0204 | HBTI0204 | HBT450204 | HBT300204 |
| | 6"(152) | HBTR0206 | HBTT0206 | HBTI0206 | HBT450206 | HBT300206 |
| | 8"(203) | HBTR0208 | HBTT0208 | HBT10208 | HBT450208 | HBT300208 |
| 0// (F1) D | 12"(305) | HBTRO212 | HBTT0212 | HBTI0212 | HBT450212 | HBT300212 |
| 2" (51) Deep | 16"(406) | HBTRO216 | HBTT0216 | HBTI0216 | HBT450216 | HBT300216 |
| | 18"(457) | HBTRO218 | HBTT0218 | HBTI0218 | HBT450218 | HBT300218 |
| | 20"(508) | HBTR0220 | HBTT0220 | HBT10220 | HBT450220 | НВТ300220 |
| | 24"(610) | HBTR0224 | HBTT0224 | HBTI0224 | HBT450224 | HBT300224 |
| | 4"(102) | HBTR0404 | HBTT0404 | HBTI0404 | HBT450404 | HBT300404 |
| | 6"(152) | HBTRO406 | HBTT0406 | HBTI0406 | HBT450406 | HBT300406 |
| | 8"(203) | HBTRO408 | HBTT0408 | HBTI0408 | HBT450408 | HBT300408 |
| 4" (102) Danie | 12"(305) | HBTRO412 | HBTT0412 | HBTI0412 | HBT450412 | HBT300412 |
| 4" (102) Deep – | 16"(406) | HBTRO416 | HBTT0416 | HBTI0416 | HBT450416 | HBT300416 |
| | 18"(457) | HBTRO418 | HBTT0418 | HBTI0418 | HBT450418 | HBT300418 |
| | 20"(508) | HBTRO420 | HBTT0420 | HBTI0420 | HBT450420 | HBT300420 |
| | 24"(610) | HBTRO424 | HBTT0424 | HBTI0424 | HBT450424 | HBT300424 |
| | 8"(203) | HBTR0608 | НВТТО608 | HBT10608 | HBT450608 | НВТ300608 |
| | 12"(305) | HBTRO612 | HBTT0612 | HBT10612 | HBT450612 | HBT300612 |
| C!! (150) D | 16"(406) | HBTRO616 | НВТТО616 | HBTI0616 | HBT450616 | HBT300616 |
| 6" (152) Deep | 18"(457) | HBTRO618 | HBTT0618 | HBTI0618 | HBT450618 | HBT300618 |
| | 20"(508) | HBTR0620 | HBTT0620 | HBTI0620 | HBT450620 | HBT300620 |
| | 24"(610) | HBTR0624 | HBTT0624 | HBTI0624 | HBT450624 | HBT300624 |

Note: Add **BK** suffix for black.







Supports**

| | Center Support | | Ceil | Ceiling Support | | Trapeze Support | | |
|------------|-----------------|----------------|-------------------|-----------------|-------------------|-----------------|---|---------------------|
| Tray Width | Qty. per Box | Pre-Galvanized | Black Powder Coat | Pre-Galvanized | Black Powder Coat | Qty. per Box | Zinc Plated | Black Powder Coat |
| 4" (102) | 1 | HBTCTRS4 | HBTCTRS4BK | _ | _ | | HBTTS | НВТТЅВК |
| 6" (152) | 1 | HBTCTRS6 | HBTCTRS6BK | - | - | | | |
| 8" (203) | 1 | HBTCTRS8 | HBTCTRS8BK | - | - | | Attaches to the side of the tray; for tray sizes 16" wide and | |
| 12" (305) | 1 | HBTCTRS12 | HBTCTRS12BK | HBTCLGS12 | HBTCLGS12BK | | | |
| 16" (406) | 1 | HBTCTRS16 | HBTCTRS16BK | HBTCLGS16 | HBTCLGS16BK | 50 | 3, | in pairs. 4" and 6" |
| 18" (457) | 1 | HBTCTRS18 | HBTCTRS18BK | HBTCLGS18 | HBTCLGS18BK | | tray; can be staggered every 5 feet. | |
| 20" (508) | 1 | HBTCTRS20 | HBTCTRS20BK | HBTCLGS20 | HBTCLGS20BK | | | |
| 24" (610) | 1 | HBTCTRS24 | HBTCTRS24BK | HBTCLGS24 | HBTCLGS24BK | | | |







Brackets**

| | | L-Bracke | et | С | -Bracket | She | elf Support |
|------------|-----------------|----------------|-------------------|----------------|-------------------|----------------|-------------------|
| Tray Width | Qty. per Box | Pre-Galvanized | Black Powder Coat | Pre-Galvanized | Black Powder Coat | Pre-Galvanized | Black Powder Coat |
| 4" (102) | 1 | HBTLB4 | HBTLB4BK | НВТСВ4 | НВТСВ4ВК | HBTSS4 | HBTSS4BK |
| 6" (152) | 1 | HBTLB6 | HBTLB6BK | - | - | HBTSS6 | HBTSS6BK |
| 8" (203) | 1 | HBTLB8 | HBTLB8BK | нвтсв8 | нвтсв8вк | HBTSS8 | HBTSS8BK |
| 12" (305) | 1 | HBTLB12 | HBTLB12BK | HBTCB12 | НВТСВ12ВК | HBTSS12 | HBTSS12BK |
| 16" (406) | 1 | HBTLB16 | HBTLB16BK | - | - | HBTSS16 | HBTSS16BK |
| 18" (457) | 1 | HBTLB18 | HBTLB18BK | НВТСВ18 | нвтсв18вк | HBTSS18 | HBTSS18BK |
| 20" (508) | 1 | HBTLB20 | HBTLB20BK | - | - | HBTSS20 | HBTSS20BK |
| 24" (610) | 1 | HBTLB24 | HBTLB24BK | - | - | HBTSS24 | HBTSS24BK |

Note: **Install every 6 feet.

Black Polymer Inserts with Sides*

Provides a solid bottom and sides for tray - order in 10 foot increments

| Tray Width | 2" (51) Deep | 4" (102) Deep | 6" (152) Deep |
|------------|-----------------|-----------------|-----------------|
| 4" (102) | HBTFRMINS0204BK | HBTFRMINS0404BK | - |
| 6" (152) | HBTFRMINS0206BK | HBTFRMINS0406BK | - |
| 8" (203) | HBTFRMINS0208BK | HBTFRMINS0408BK | HBTFRMINS0608BK |
| 12" (305) | HBTFRMINS0212BK | HBTFRMINSO412BK | HBTFRMINSO612BK |
| 16" (406) | HBTFRMINS0216BK | HBTFRMINSO416BK | HBTFRMINSO616BK |
| 18" (457) | HBTFRMINS0218BK | HBTFRMINSO418BK | HBTFRMINSO618BK |
| 20" (508) | HBTFRMINS0220BK | HBTFRMINS0420BK | HBTFRMINS0620BK |
| 24" (610) | HBTFRMINS0224BK | HBTFRMINS0424BK | HBTFRMINS0624BK |
| | | | |



Note: *For white insert, replace BK with WHT.

Polymer Inserts

Provides a solid bottom for tray - order in 10 foot increments

| Tray Width | Length | White | Black |
|------------|-------------|---------------|------------|
| 4" (102) | 118" (3000) | HBTINSNM04WHT | HBTINSNM04 |
| 6" (152) | 118" (3000) | HBTINSNM06WHT | HBTINSNM06 |
| 8" (203) | 118" (3000) | HBTINSNM08WHT | HBTINSNM08 |
| 12" (305) | 118" (3000) | HBTINSNM12WHT | HBTINSNM12 |
| 16" (406) | 118" (3000) | HBTINSNM16WHT | HBTINSNM16 |
| 18" (457) | 118" (3000) | HBTINSNM18WHT | HBTINSNM18 |
| 20" (508) | 118" (3000) | HBTINSNM20WHT | HBTINSNM20 |
| 24" (610) | 118" (3000) | HBTINSNM24WHT | HBTINSNM24 |

Galvanized Steel Inserts

Provides a solid bottom for tray:

5 feet length per piece; 1 piece per box



| Tray Width | Length | Pre-Galvanized | Black Powder Coat |
|------------|------------|----------------|-------------------|
| 4" (102) | 59" (1500) | HBTINSM04 | HBTINSM04BK |
| 6" (152) | 59" (1500) | HBTINSM06 | HBTINSM06BK |
| 8" (203) | 59" (1500) | HBTINSM08 | HBTINSM08BK |
| 12" (305) | 59" (1500) | HBTINSM12 | HBTINSM12BK |
| 16" (406) | 59" (1500) | HBTINSM16 | HBTINSM16BK |
| 18" (457) | 59" (1500) | HBTINSM18 | HBTINSM18BK |
| 20" (508) | 59" (1500) | HBTINSM20 | HBTINSM20BK |
| 24" (610) | 59" (1500) | HBTINSM24 | HBTINSM24BK |

Galvanized Steel Covers

Provides a solid bottom for tray - 5 feet length per piece; 1 piece per box

| Tray Width | Length | Pre-Galvanized | Black Powder Coat |
|------------|------------|----------------|-------------------|
| 4" (102) | 59" (1500) | HBTCVR4 | HBTCVR4BK |
| 6" (152) | 59" (1500) | HBTCVR6 | HBTCVR6BK |
| 8" (203) | 59" (1500) | HBTCVR8 | HBTCVR8BK |
| 12" (305) | 59" (1500) | HBTCVR12 | HBTCVR12BK |
| 16" (406) | 59" (1500) | HBTCVR16 | HBTCVR16BK |
| 18" (457) | 59" (1500) | HBTCVR18 | HBTCVR18BK |
| 20" (508) | 59" (1500) | HBTCVR20 | HBTCVR20BK |
| 24" (610) | 59" (1500) | HBTCVR24 | HBTCVR24BK |

Galvanized Termination Support

Secures end of tray to wall and can serve as blank end fitting: 1 piece per box

| Tray Width | Length | Pre-Galvanized | Black Powder Coat |
|------------|------------|----------------|-------------------|
| 6" (152) | 59" (1500) | HBTTS6 | HBTTS6BK |
| 8" (203) | 59" (1500) | HBTTS8 | HBTTS8BK |
| 12" (305) | 59" (1500) | HBTTS12 | HBTTS12BK |
| 16" (406) | 59" (1500) | HBTTS16 | HBTTS16BK |
| 18" (457) | 59" (1500) | HBTTS18 | HBTTS18BK |
| 20" (508) | 59" (1500) | HBTTS20 | HBTTS20BK |
| 24" (610) | 59" (1500) | HBTTS24 | HBTTS24BK |

Galvanized Steel Dividers

Bolt and nut to secure to support bracket (sold separately); 5 feet length per piece - 1 piece per box

| For use with Tray | Length | Pre-Galvanized | Black Powder Coat |
|----------------------|------------|----------------|-------------------|
| 2" (51) Deep | 60" (1524) | HBTDIV2 | HBTDIV2BK |
| 4" (102) Deep | 60" (1524) | HBTDIV4 | HBTDIV4BK |
| 6" (152) Deep | 60" (1524) | HBTDIV6 | HBTDIV6BK |
| 8" (203) Deep | 60" (1524) | HBTDIV8 | HBTDIV8BK |

Flexible Dividers

4 Mounting support posts included, 1x 10' kit per box

| Tray Height | Length | White | Black |
|----------------|--------|--------------|-------------|
| 2" | 10' | HBTDIVFX2WHT | HBTDIVFX2BK |
| 4" | 10' | HBTDIVFX4WHT | HBTDIVFX4BK |
| 6" | 10' | HBTDIVFX6WHT | HBTDIVFX6BK |

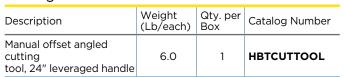
Accessories

| Accessories | | | | |
|---|-----------------------------------|--|-----------------------------------|-------|
| Description | Tray Width | Finish | Catalog Numb | per |
| Radius Down Increases cable protection and cable bend control; 1 per box | 4" (102) 6" (152) 12" (305) | Black Black Black | HBTRD4BK HBTRD6BK HBTRD12BK | |
| Vertical Down Protects cables when dropping from the end or side of tray; 1 per box | 7¾" (102) | Zinc Plated Black | HBTVD HBTVDBK | |
| Label Clip Attachment for all sizes of tray; 1 per box | | White | НВТІС | |
| Cable Guide Maintains cable bend radius and acts as a divider for straight sections and fittings; 1 per box | | Black | нвтсс | |
| Electrical Box Bracket Attaches electrical box to side of tray; 1 per box | | Pre- Galvanized Black | HBTEB HBTEBBL | |
| Sidecar Attaches to outside of tray, provides additional cable support 2" deep; 1 per box | | Pre- Galvanized Black | НВТЅС НВТЅСВК | |
| Splice Kit 3 piece staked bolt/washer and nut combination; splices straight sections and field formed fittings; 50 pieces per box | | Zinc Plated Black Stainless Steel | HBTSK HBTSKBK HBTSKSS | |
| Bar Splice Slotted bar 11 ¹⁵ / ₁₆ " long; Splices straight sections and fittings; bend to form tray reducers; adds rigidity to tray splices; 50 pieces per box | | Zinc Plated Black Stainless Steel | HBTBS HBTBSBK HBTBSSS | |
| Corner Splice (2) 90° splice bars and (8) sets of the splice kit Splices Fittings Use one per each Tee Fitting; Use two per each Cross Fitting | | Zinc Plated Black Stainless Steel | HBTCS HBTCSBK HBTCSSS | W M M |
| Washer Supports Splices straight sections and fittings and can also be used as a hold down method for tray to strut (Nut and bolt provided separately); 50 pieces per box | | Zinc Plated Black Stainless Steel | HBTWS HBTWSBK HBTWSSS | |
| Self Tapping Screws 1/4" - 20 self tapping screw and HBTWS; 50 pieces per box | | Zinc Plated | HBTUGS | |

Accessories

| Accessories | Finish | Catala a Novala a | | |
|---|---|--|--|--|
| Description | Finish | Catalog Number | | |
| Fitting Attachment Fills the gap in tray when creating fittings in 2" tray or 4"/6" tray | Pre- Galvanized Black Pre- Galvanized Black | HBTFA2 HBTFA2BK HBTFA46 HBTFA46BK | | |
| Rack Attachment Attaches tray directly to the top of a standard rack | Zinc Plated Black | HBTRA HBTRABK | | |
| Conduit Attachment Connects conduit to tray (¾", 1" and 1¼" conduit) | Pre- Galvanized Black | НВТСАЗ НВТСАЗВК | | |
| Nut and Bolt Sets ¼" - 20 nut and bolt sets; 50 per box | Zinc Plated Stainless Steel | HBTNB HBTNBSS | | |
| Cable Drop Outs Black polymer inserts; Installed into the bottom of the basket tray to reduce pinch points and maintain a radius bend on the exiting cables | Black | НВТСОВК | | |
| Strut Clips Used to hold down the basket tray | Pre- Galvanized HBTSTRUTCLIP | | | |
| when used with any standard industry strut supports; 50 per box | 12" trays or smaller use 2 clips per strut support 16" - 18" trays use 3 clips per strut support Larger trays add one clip per strut support for every 6" of tray width | | | |
| Split bolt for bonding/grounding tray, 50pk | Copper | HBTSB50 | | |
| Double Splice, 50pk | PreGalv Black White | HBTSKD HBTSKDBK HBTSKDWHT | | |
| | For use with trays 4" - 8" height Use 2 splices for tray 2"-12" width Use 3 splices for tray 14"-24" width | | | |
| Corner Radius, 2 radius splices with hardware | PreGalv Black | HBTCRS HBTCRSBK | | |

Cutting Tool





Under Floor Accessories

| Description | Finish | Catalog Number |
|---|----------------------------------|---------------------|
| Kit, Pedestal (2) HBTUPC and (1) Cross bar | Pre-Galvanized | HBTUPK |
| C-Bracket 6" Tier 12" Tier | Pre-Galvanized Pre-Galvanized | HBTUCB6 HBTUCB12 |
| U-Clamp, Pedestal (1) Clamp | Pre-Galvanized | НВТИРС |
| Tray Grounding Fasteners Washer supports HBTWS and ¼" - 20 self threading screws; 50 per box | Zinc Plated | HBTUGS P |
| Intersection Supports For use withHBTUSUPP series support | Pre-Galvanized | HBTUFIT |
| Vertical Up | Pre-Galvanized | нвтичи |

Note: See page 16 for L-brackets and C-brackets.

Supports 22" Pre-Galvanized

| Tray Height | Catalog Number |
|-------------|----------------|
| 4" (102) | HBTUSUPP4 |
| 6" (152) | HBTUSUPP6 |
| 8" (203) | HBTUSUPP8 |
| 10" (254) | HBTUSUPP10 |
| 12" (305) | HBTUSUPP12 |
| 14" (356) | HBTUSUPP14 |
| 16" (406) | HBTUSUPP16 |
| 18" (457) | HBTUSUPP18 |
| 20" (508) | HBTUSUPP20 |
| 22" (559) | HBTUSUPP22 |
| 24" (610) | HBTUSUPP24 |
| 26" (660) | HBTUSUPP26 |
| 28" (711) | HBTUSUPP28 |
| 30" (762) | HBTUSUPP30 |

Hubbell Delivery Systems



Delivery eTour

This interactive, virtual tour of a city takes visitors through various commercial settings. As users navigate through the virtual city, the eTour demonstrates where and how Hubbell Delivery Systems products can be deployed in the floor, through the floor, on the wall, on the surface and from floor to ceiling and demonstrates solutions in these spaces.

Visit our website to take the tour.







Product Page

Online Resources



BIM Models

Visit hubbell.com/wiringdevice-kellems or seek.autodesk.com to download all Hubbell Wiring device BIM models.



Delivery Systems eLearning Course

This course familiarizes users with Hubbell Delivery Systems, where they can be used, the broad offering and proper applications.

Available Literature



Hubbell SystemOne Recessed Floor Boxes



Pre-Wired Raceway Product Guide



Trench, Wall and Underfloor Duct Products



FloorTrak Pro



Aluminum Service Poles



hubbell.com/wiringdevice-kellems

