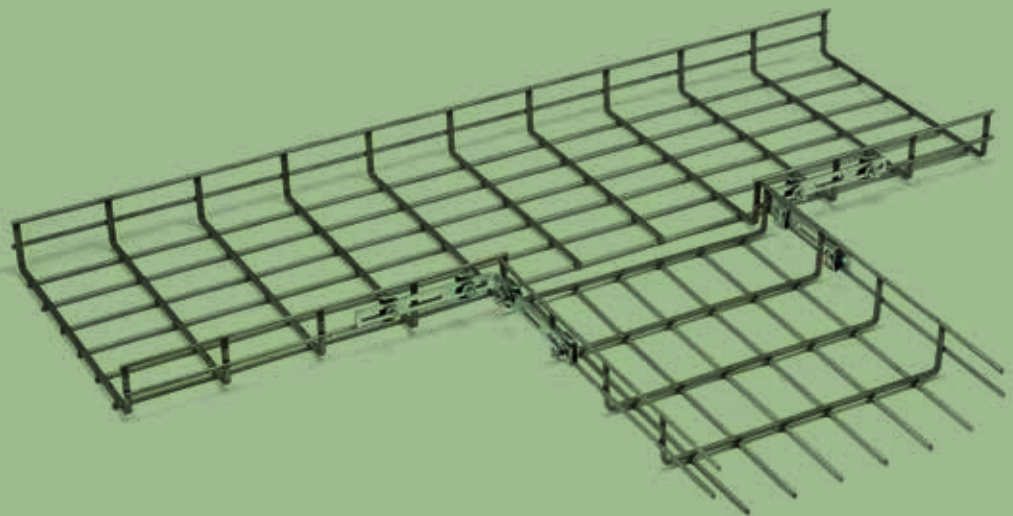


Wire Basket Tray System

Cable Management



Innovative, Flexible, Field-Configurable
Wire Basket Tray Solutions



Innovative, Flexible, Field-Configurable Wire Basket Solutions

Expertise

Hubbell, a recognized leader in power, data and audio video delivery systems, has expanded its offering to include an innovative, flexible and field-configurable Wire Basket Tray System. Hubbell Wire Basket expands the delivery systems that include Cable Management and Ladder Tray, which provide enhanced capacity, proper support for bend radius and much more.

Support Broad Range of Applications



Hubbell has a wire basket system to meet specific requirements. For commercial controlled interior environments and data centers, Hubbell Wire Basket Systems will help save labor and minimize waste, while reducing impact to the environment. The painted, masked version reduces on-site paint removal, saving time and money. The raised access floor system ships as a complete unit, eliminating the need to locate and assemble components. Hubbell Wire Basket Systems are available in overhead and raised floor applications. Both systems are UL classified as equipment ground conductor, provided they are installed and spliced according to our recommended instructions.

Pre-Galvanized

Wire is galvanized prior to fabrication.

	Applications	Specification
	• Commercial	ASTM A641
	• Controlled Interiors	

Pre-Galvanized Finish is Environmentally Friendly

The standard finish for Hubbell Basket Tray is pre-galvanized, which is a significantly more environment-friendly manufacturing process than a galvanizing dip. Pre-galvanizing applies a zinc galvanizing to the basket *prior* to fabrication. Then the galvanized wire is welded and formed into the appropriate basket size. On the other hand, a post-fabrication zinc application involves chemical cleaning and stripping, and heavy metal dipping vats to apply the zinc. This produces fumes and requires proper disposal of chemicals and metals. Hubbell's pre-galvanized finish performs the same as the post-production finish while avoiding secondary chemical processing. A post-fabrication electro-zinc finish is also available, if the customer prefers.



Sustainable Approach

Hubbell utilizes a sustainable approach to assist in maintaining our environment.

Our wire basket systems utilize 100% recycled steel content in the manufacturing of our tray, and are packaged in kraft packaging that is not bleached. Packaging and strapping materials are recyclable. MillCerts are available upon request to assist in documenting recycled content for possible LEED credits.

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.

Painted Finishes

Powder coat; Black is available as standard.

	Applications	Specification
	• Data Center	N/A
	• Controlled Interiors	

Wire Fill and Maximum Load Chart

Depth	Width	Area (in ²)	Cat 5e (0.18" dia.) 50% Wire Fill	Cat 6 (0.23" dia.) 50% Wire Fill	Cat 6a (0.30" dia.) 50% Wire Fill	Max. load (lb/ft) (Supported at 6ft spacing)
2	4	8	157	96	57	45
2	6	12	236	144	85	50
2	8	16	315	193	113	52
2	12	24	472	289	170	58
2	16	32	629	385	226	70
2	18	36	708	433	255	70
2	20	40	786	482	283	73
2	22	44	865	530	311	73
2	24	48	944	578	340	75
2	26	52	1022	626	368	73
2	28	56	1101	674	396	73
2	30	60	1180	722	425	70
2	32	64	1258	771	453	70
4	4	16	315	193	113	49
4	6	24	472	289	170	49
4	8	32	629	385	226	78
4	12	48	944	578	340	78
4	16	64	1258	771	453	108
4	18	72	1415	867	510	116
4	20	80	1573	963	566	116
4	22	88	1730	1060	623	116
4	24	96	1887	1156	679	116
4	28	112	2202	1349	793	108
6	8	48	944	578	340	116
6	12	72	1415	867	510	123
6	16	96	1887	1156	679	123
6	18	108	2123	1300	764	127
6	20	120	2359	1445	849	127
6	22	132	2595	1589	934	127
6	24	144	2831	1734	1019	150
8	8	64	1258	771	453	116
8	12	96	1887	1156	679	116
8	16	128	2516	1541	906	116
8	18	144	2831	1734	1019	116
8	20	160	3145	1926	1132	116

Sizes UL Classified or cUL Classified as equipment ground conductor

2" Depth	4" Depth	6" Depth	8" Depth
2 x 6	4 x 6	6 x 8	8 x 8
2 x 8	4 x 8	6 x 12	8 x 12
2 x 12	4 x 12	6 x 16	8 x 16
2 x 16	4 x 16	6 x 18	8 x 20
2 x 18	4 x 18	6 x 20	
2 x 20	4 x 20	6 x 22	
2 x 24	4 x 24	6 x 24	

Note: Applicable to pre-galvanized and powder coat painted when spliced as recommended. Other non-UL sizes require external grounding conductor. Stainless steel is not UL.

Instructions to Achieve Ground

- Use Hubbell splice kits (**HPWWSKT**) to achieve proper grounding at all splices, joints, and fitting.
- Grounding lugs and external ground wire are not required, provided **HPWWSKT** splice kits are utilized with steel tray. (Stainless steel tray requires external grounding conductor.)

Round Wire Basket Tray

Round Cross-Wire Design



Features

- T-weld construction prevents snags
- 5mm round wire on smaller sizes
- 6mm round wire on larger sizes
- High load rating
- Easy to cut and fabricate fittings in the field
- 100% recycled steel
- Use factory support hardware or fabricate supports on the job site
- 2" x 4" mesh opening
- Painted tray includes factory installed masking to assure proper grounding at splices; no need to remove paint during installation

Field Configurable Fittings



90° Sweep Elbow

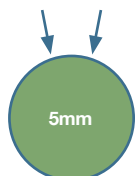
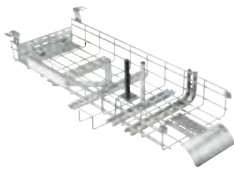
Use appropriate quantity of Splice Kits



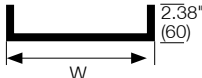
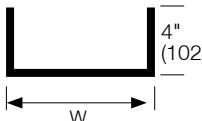
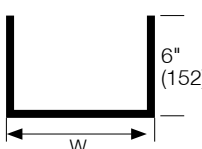
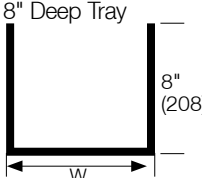
Tee Fitting

Use one HPWWCSP corner splice per each

Supports and Hardware



.0078125 sq. inch
"Round" Wire Design

10 Feet per Length 10 pc. min. order qty. 2" Deep Tray	Width	Load (lb/ft)	Weight per Length (lb)	Splice Quantity		Finish	
				90° Sweep Elbow	Straight Splice	Pre- Galvanized	Black Powder Coat
	4" (102) ●	45	7	2	2	HPWW0204	HPWW0204BK
	6" (152) ●●	50	9	3	4	HPWW0206	HPWW0206BK
	8" (203) ●●●	52	11	4	4	HPWW0208	HPWW0208BK
	12" (305) ●●●●	58	12	6	4	HPWW0212	HPWW0212BK
	16" (406) ●●●●●	70	15	7	4	HPWW0216	HPWW0216BK
	18" (457) ●●●●●●	70	23	9	4	HPWW0218	HPWW0218BK
	20" (508) ●●●●●●●	73	25	9	5	HPWW0220	HPWW0220BK
	22" (559) ●●●●●●●●	73	27	12	5	HPWW0222	HPWW0222BK
	24" (610) ●●●●●●●●	75	31	12	5	HPWW0224	HPWW0224BK
	26" (660) ●●●●●●●●●	73	33	13	6	HPWW0226	HPWW0226BK
	28" (711) ●●●●●●●●●●	73	35	14	6	HPWW0228	HPWW0228BK
	30" (762) ●●●●●●●●●●●	70	38	15	6	HPWW0230	HPWW0230BK
	4" (102) ●	49	12	2	4	HPWW0404	HPWW0404BK
	6" (152) ●●	49	13	3	5	HPWW0406	HPWW0406BK
	8" (203) ●●●	78	15	4	6	HPWW0408	HPWW0408BK
	12" (305) ●●●●	78	23	6	6	HPWW0412	HPWW0412BK
	16" (406) ●●●●●	108	27	7	7	HPWW0416	HPWW0416BK
	18" (457) ●●●●●●	116	29	9	7	HPWW0418	HPWW0418BK
	20" (508) ●●●●●●●	116	31	9	7	HPWW0420	HPWW0420BK
	22" (559) ●●●●●●●●	116	33	12	8	HPWW0422	HPWW0422BK
	24" (610) ●●●●●●●	116	35	12	8	HPWW0424	HPWW0424BK
	28" (711) ●●●●●●●●	108	39	14	9	HPWW0428	HPWW0428BK
	8" (203) ●	116	23	4	6	HPWW0608	HPWW0608BK
	12" (305) ●●	123	27	6	6	HPWW0612	HPWW0612BK
	16" (406) ●●●	123	31	7	7	HPWW0616	HPWW0616BK
	18" (457) ●●●●	127	33	9	7	HPWW0618	HPWW0618BK
	20" (508) ●●●●●	127	35	9	7	HPWW0620	HPWW0620BK
	22" (559) ●●●●●●	127	37	12	8	HPWW0622	HPWW0622BK
	24" (610) ●●●●●●●	150	39	12	8	HPWW0624	HPWW0624BK
	8" (203) ●	116	27	4	8	HPWW0808	HPWW0808BK
	12" (305) ●●	116	31	6	8	HPWW0812	HPWW0812BK
	16" (406) ●●●	116	35	7	9	HPWW0816	HPWW0816BK
	18" (457) ●●●●	116	37	9	9	HPWW0818	HPWW0818BK
	20" (508) ●●●●●	116	39	9	9	HPWW0820	HPWW0820BK

●UL Classified/cUL Classified as equipment ground conductor.

●5mm diameter round wire. (All others are 6mm diameter round wire.)

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

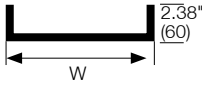
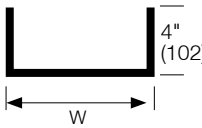
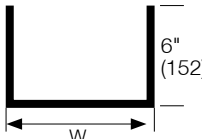
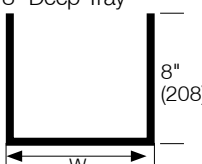
Flat Style Wire Basket Tray

Flat Cross-Wire Design



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

10 Feet per Length 10 pc. min. order qty.	Width	Load (lb/ft)	Weight per Length (lb)	Splice Quantity		Finish	
				90° Sweep Elbow	Straight Splice	Pre- Galvanized	Black Powder Coat
2" Deep Tray 	4" (102)	45	7	2	2	HPWW0204S	HPWW0204SBK
	6" (152) •	50	9	3	4	HPWW0206S	HPWW0206SBK
	8" (203) •	52	11	4	4	HPWW0208S	HPWW0208SBK
	12" (305) •	58	12	6	4	HPWW0212S	HPWW0212SBK
	16" (406) •	70	15	7	4	HPWW0216S	HPWW0216SBK
	18" (457) •	70	23	9	4	HPWW0218S	HPWW0218SBK
	20" (508) •	73	25	9	5	HPWW0220S	HPWW0220SBK
	22" (559)	73	27	12	5	HPWW0222S	HPWW0222SBK
	24" (610) •	75	31	12	5	HPWW0224S	HPWW0224SBK
	26" (660)	73	33	13	6	HPWW0226S	HPWW0226SBK
	28" (711)	73	35	14	6	HPWW0228S	HPWW0228SBK
	30" (762)	70	38	15	6	HPWW0230S	HPWW0230SBK
	32" (813)	70	39	16	6	HPWW0232S	HPWW0232SBK
4" Deep Tray 	4" (102)	49	12	2	4	HPWW0404S	HPWW0404SBK
	6" (152) •	49	13	3	5	HPWW0406S	HPWW0406SBK
	8" (203) •	78	15	4	6	HPWW0408S	HPWW0408SBK
	12" (305) •	78	23	6	6	HPWW0412S	HPWW0412SBK
	16" (406) •	108	27	7	7	HPWW0416S	HPWW0416SBK
	18" (457) •	116	29	9	7	HPWW0418S	HPWW0418SBK
	20" (508) •	116	31	9	7	HPWW0420S	HPWW0420SBK
	22" (559)	116	33	12	8	HPWW0422S	HPWW0422SBK
	24" (610) •	116	35	12	8	HPWW0424S	HPWW0424SBK
6" Deep Tray 	8" (203) •	116	23	4	6	HPWW0608S	HPWW0608SBK
	12" (305) •	123	27	6	6	HPWW0612S	HPWW0612SBK
	16" (406) •	123	31	7	7	HPWW0616S	HPWW0616SBK
	18" (457) •	127	33	9	7	HPWW0618S	HPWW0618SBK
	20" (508) •	127	35	9	7	HPWW0620S	HPWW0620SBK
	22" (559) •	127	37	12	8	HPWW0622S	HPWW0622SBK
	24" (610) •	150	39	12	8	HPWW0624S	HPWW0624SBK
8" Deep Tray 	8" (203) •	116	27	4	8	HPWW0808S	HPWW0808SBK
	12" (305) •	116	31	6	8	HPWW0812S	HPWW0812SBK
	16" (406) •	116	35	7	9	HPWW0816S	HPWW0816SBK
	18" (457) •	116	37	9	9	HPWW0818S	HPWW0818SBK
	20" (508)	116	39	9	9	HPWW0820S	HPWW0820SBK

•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).

Field Configurable Fittings



90° Sweep Elbow

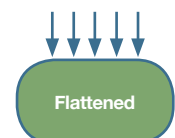
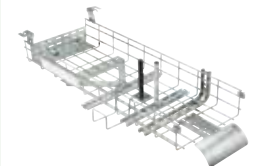
Use appropriate quantity of Splice Kits



Tee Fitting

Use one HPWWCSP corner splice per each

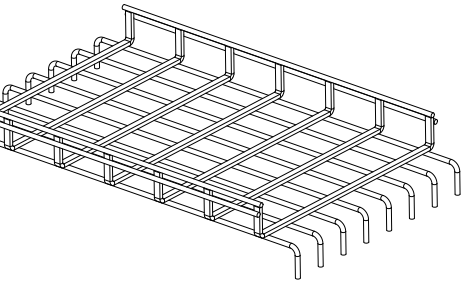
Supports and Hardware



.03125 sq. inch
"Flat" Wire Design

Under Floor Wire Basket Tray

Round Cross-Wire Design



Features

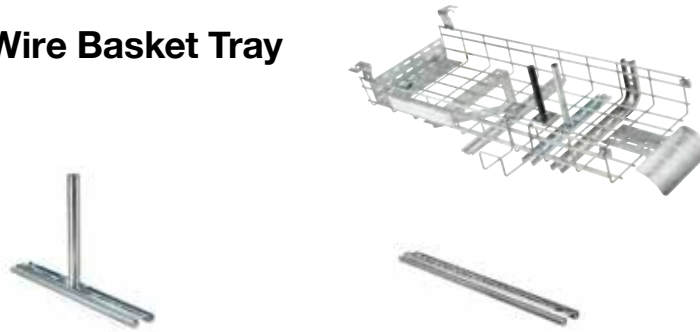
- T-weld construction prevents snags
- 5mm round wire on smaller sizes
- High load rating
- 100% recycled steel
- Use factory support hardware or fabricate supports on the job site
- 2" x 4" mesh opening
- Painted tray includes factory installed masking to assure proper grounding at splices; no need to remove paint during installation

Height	Length	Width		
		6"	12"	22"
2"	2'	HPWU020602	HPWU021202	HPWU022202
	4'	HPWU020604	HPWU021204	HPWU022204
	6'	HPWU020606	HPWU021206	HPWU022206
4"	2'	HPWU040602	HPWU041202	HPWU042202
	4'	HPWU040604	HPWU041204	HPWU042204
	6'	HPWU040606	HPWU041206	HPWU042206
6"	2'	HPWU060602	HPWU061202	HPWU062202
	4'	HPWU060604	HPWU061204	HPWU062204
	6'	HPWU060606	HPWU061206	HPWU062206
8"	2'	—	HPWU081202	HPWU082202
	4'	—	HPWU081204	HPWU082204
	6'	—	HPWU081206	HPWU082206
Flat	2'	—	—	HPWU002202

Accessories

Description	Contents	Height	Catalog No.
Pedestal, U-clamp	1 clamp	—	HPWWPCL
Pedestal, kit	2 clamps, 1 cross bar	—	HPWWPKT
Support, pre-galvanized	1 24" sawhorse style support that mounts onto floor	4"	HPWWUST04
		6"	HPWWUST06
		8"	HPWWUST08
		10"	HPWWUST10
		12"	HPWWUST12
		14"	HPWWUST14
		16"	HPWWUST16
		18"	HPWWUST18
		20"	HPWWUST20
		22"	HPWWUST22
		24"	HPWWUST24
		26"	HPWWUST26
		28"	HPWWUST28
		30"	HPWWUST30

Accessories for Wire Basket Tray



Supports*

Width	Center Support			Ceiling Support			Trapeze Support		
	Qty. per Box	Weight (lb/each)	Catalog No.	Qty. per Box	Weight (lb/each)	Catalog No.	Qty. per Box	Weight (lb)	Catalog No.
4" (102)	1	1.6	HPWWCSP04	—	—	—	50	9.0/box	HPWWTZS Attaches to the side of the tray; for tray sizes 16" wide and smaller; use in pairs
6" (152)	1	1.8	HPWWCSP06	—	—	—			
8" (203)	1	2	HPWWCSP08	—	—	—			
12" (305)	1	2.7	HPWWCSP12	1	1.1	HPWWGSP12			
16" (406)	1	3.3	HPWWCSP16	1	1.5	HPWWGSP16			
18" (457)	1	3.4	HPWWCSP18	1	1.6	HPWWGSP18			
20" (508)	1	3.8	HPWWCSP20	1	1.9	HPWWGSP20			
24" (610)	1	4.4	HPWWCSP24	1	1.9	HPWWGSP24			



Brackets*

Width	L-Bracket			C-Bracket			Shelf Support		
	Qty. per Box	Weight (lb/each)	Catalog No.	Qty. per Box	Weight (lb/each)	Catalog No.	Qty. per Box	Weight (lb/each)	Catalog No.
4" (102)	1	0.7	HPWWLBT04	1	1.2	HPWWCBT04	1	0.4	HPWWSSP04
6" (152)	1	0.8	HPWWLBT06	—	—	—	1	0.5	HPWWSSP06
8" (203)	1	0.9	HPWWLBT08	1	1.5	HPWWCBT08	1	0.6	HPWWSSP08
12" (305)	1	1.4	HPWWLBT12	1	2.0	HPWWCBT12	1	1.2	HPWWSSP12
16" (406)	1	1.5	HPWWLBT16	—	—	—	1	1.7	HPWWSSP16
18" (457)	1	1.7	HPWWLBT18	1	2.7	HPWWCBT18	1	1.9	HPWWSSP18
20" (508)	1	2.1	HPWWLBT20	—	—	—	1	2.6	HPWWSSP20
24" (610)	1	2.3	HPWWLBT24	—	—	—	1	3.2	HPWWSSP24

Splice Hardware*

Description	Weight (lb)	Catalog No.
Splice Kit 3 piece staked bolt/washer and nut combination; Splices straight sections and field formed fittings; 50 pieces per box	5.0/box	HPWWSKT
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	14.0/box	HPWWBSP
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	1.0 each	HPWWCSP
Washer Support 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	6.0/box	HPWWWST
Grounding Kit Provides additional supplemental grounding for basket tray splices. May be specified in addition to the standard method of splicing basket tray using HPWWSKT splice kits. Kit includes five 9" #6 AWG copper leads and ten split bolts.	1.5 each	HGRKTWB5

*Catalog numbers shown are for pre-galvanized accessories. Add "BK" to the end of the part number for Black Finish.

Accessories for Wire Basket Tray



Termination Support*

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

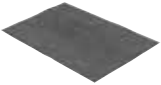
Tray Width	Weight (lb/each)	Catalog No.
6" (152)	0.75	HPWWTST06
8" (203)	1.0	HPWWTST08
12" (305)	1.2	HPWWTST12
16" (406)	1.4	HPWWTST16
18" (457)	1.6	HPWWTST18
20" (508)	1.75	HPWWTST20
24" (610)	2.0	HPWWTST24



Polymer Inserts, Black

Provides a solid bottom for tray; 10 feet length per piece; 1 piece per box

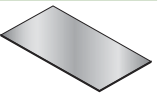
Tray Width	Length	Weight (lb/each)	Catalog No.
4" (102)	118" (3000)	0.5	HPWWP0410
6" (152)	118" (3000)	0.65	HPWWP0610
8" (203)	118" (3000)	0.75	HPWWP0810
12" (305)	118" (3000)	1.0	HPWWP1210
16" (406)	118" (3000)	1.25	HPWWP1610
18" (457)	118" (3000)	1.5	HPWWP1810
20" (508)	118" (3000)	1.75	HPWWP2010
24" (610)	118" (3000)	2.25	HPWWP2410



Galvanized Steel Inserts*

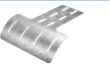
Provides a solid bottom for tray; 5 feet length per piece; 1 piece per box

Tray Width	Length	Weight (lb/each)	Catalog No.
4" (102)	59" (1500)	3.5	HPWWBM0405
6" (152)	59" (1500)	5.0	HPWWBM0605
8" (203)	59" (1500)	7.0	HPWWBM0805
12" (305)	59" (1500)	11.0	HPWWBM1205
16" (406)	59" (1500)	13.5	HPWWBM1605
18" (457)	59" (1500)	16.5	HPWWBM1805
20" (508)	59" (1500)	18.0	HPWWBM2005
24" (610)	59" (1500)	20.0	HPWWBM2405



Accessories*

Description	Tray Width	Weight (lb/each)	Catalog No.
Radius Down Increases cable protection and cable bend control	4" (102) 6" (152) 12" (305)	2.5 3.75 7.5	HPWWRDN04 HPWWRDN06 HPWWRDN12
Vertical Down Protects cables when dropping from the end or side of tray	7¾" (102)	1.5	HPWWVDN
Label Clip Attachment for all sizes of tray		0.1	HPWLCLC
Cable Guide Maintains cable bend radius and acts as a divider for straight sections and fittings		1.0	HPWWCG
Electrical Box Bracket Attaches electrical box to side of tray		0.75	HPWWEBX
Sidecar Attaches to outside of tray, provides additional cable support 2" deep		0.5	HPWWSCR



Galvanized Steel Covers*

5 feet length per piece; 1 piece per box

Tray Width	Length	Weight (lb/each)	Catalog No.
4" (102)	59" (1500)	3.0	HPWWC0405
6" (152)	59" (1500)	3.5	HPWWC0605
8" (203)	59" (1500)	4.5	HPWWC0805
12" (305)	59" (1500)	6.0	HPWWC1205
16" (406)	59" (1500)	8.0	HPWWC1605
18" (457)	59" (1500)	8.5	HPWWC1805
20" (508)	59" (1500)	9.5	HPWWC2005
24" (610)	59" (1500)	11.0	HPWWC2405



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	Weight (lb/each)	Catalog No.
2" deep	60" (1524)	2.0	HPWWDVR0205
4" deep	60" (1524)	5.0	HPWWDVR0405
6" deep	60" (1524)	7.5	HPWWDVR0605
8" deep	60" (1524)	10.0	HPWWDVR0805



Attachments*

1 piece per box

Description	Weight (lb/each)	Catalog No.
Fitting Attachment, 2" Fills the gap in 2" tray when creating fittings	1.0	HPWWFIT02
Fitting Attachment, 4" to 6" Fill the gap in 4" or 6" tray when creating fittings	1.0	HPWWFIT45
Rack Attachment Attaches tray directly to the top of a standard rack	1.0	HPWWRAT
Conduit Attachment Connects conduit to tray (1/2", 3/4" and 1" conduit)	1.5	HPWWCAT



*Catalog numbers shown are for pre-galvanized accessories. Add "BK" to the end of the part number for Black Finish.

Specifications

Wire Mesh Basket Tray Product Specifications

2.01 ACCEPTABLE MANUFACTURES

1. Manufacturer: Subject to compliance with these specifications, wire basket tray systems to be installed shall be Hubbell "HPWW" series.

2.02 WIRE TRAY SECTIONS AND COMPONENTS

1. Provide wire basket of types and sizes indicated; with all required splicing and mounting hardware. Construct units with T-weld edges and smooth surfaces; in compliance with applicable standards; and with the following additional construction features.
 - A. All straight section longitudinal wires shall be constructed with a continuous top wire safety edge. Safety edge must be T-welded on all tray sizes.
 - B. Wire basket cross-wire to be constructed with either flat shaped wire design or with round wire design, as directed by engineer.
 - Flat shaped cross wire design shall provide additional surface area for cable weight support and to avoid pressure points and strain on cables.
 - Round shaped cross wire design may be used in general purpose applications where cable weight and strain are not concerns.
2. Materials and Finishes: Material and finish specifications for Carbon Steel Wire and Pre-Galvanized steel wire are as follows:
 - A. Pre-Galvanized Zinc: Straight section shall be made from pre-galvanized steel meeting the minimum mechanical properties of ASTM A 641. Material must be cleaned after fabrication to remove any soot, manufacturing residue/oils, or metallic particles.
 - B. Powder Coat: Straight sections shall be powder coated black with an average paint thickness of 1.2mils (30microns) to 3.0mils (75microns). Hubbell powder coat product is masked at splice points to allow conductive ground design; no field paint removal is required.
 - C. Stainless Steel: Straight sections and accessories shall be made from AISI Type 304L, 316L Stainless Steel (meeting the minimum mechanical properties of ASTM A 580).
 - D. Electro-Plated Zinc Galvanized (Post Plated) Made from Carbon Steel and plated to ASTM B 633, Type III, SC-1.
3. Wire basket shall be made of high strength steel wires and formed into a standard 2" by 2" wire mesh pattern with intersecting wires welded together. All mesh sections must have at least one bottom longitudinal wire along entire length of straight section.
4. Wire basket sizes shall conform to the following nominal criteria:
 - A. Straight sections shall be furnished in standard 118 inch lengths (commonly referred to as 10-foot).
 - B. Wire diameter shall be 0.195" (5mm) minimum on all mesh sections up to 16 linear inches. Wire diameter line wire shall be 0.234" (6mm) minimum on all mesh sections in excess of 16 linear inches. Wire diameter shall be minimum size of 4.5mm on stainless steel.
 - C. Wire basket shall have a 2" usable loading depth by (4), (6), (8), (10), (12), (14), (16), (18), (20), (22), (24), (26), (28), (30), (32) inches wide.
 - D. Wire basket shall have a 4" usable loading depth (4), (6), (8), (10), (12), (14), (16), (18), (20), (22), (24), (26), (28) inches wide.
 - E. Wire basket shall have a 6" usable loading depth by (8), (10), (12), (14), (16), (18), (20), (22), (24) inches wide.
 - F. Wire basket shall have an 8" usable loading depth by (8), (10), (12), (14), (16), (18), (20) inches wide
5. All fittings shall be field formed, from straight sections, in accordance with manufacturer's instructions.
6. All Tray sections and splicing assemblies shall be UL/C-UL Classified as an Equipment Ground Conductor (EGC).
7. Wire mesh basket tray supports shall be ceiling trapeze type, center support, trapeze clips, or wall brackets as manufactured by Hubbell.
8. Special accessories shall be furnished as required to protect, support and install a wire basket support system.

Wire Basket Tray Technical Support

Cutting and Forming Fittings

Cutting Wire Basket Tray

- Always make field cuts with the side action angle cutting tool
- Cuts can be made on any finish, width or depth basket tray
- Cut as many segments required for sweep elbows (see Splice Quantity column on product pages)
- Remove any sharp edges to eliminate possible damage to cables



Cutting Tool

Description	Weight (lb/each)	Qty. per Box	Catalog No.
Manual offset angled cutting tool, 24" leveraged handle	6.0	1	HPWCUTTOOL

How to Form a 90° Flat Sweep Elbow

- Determine which wires must be cut for the type of fitting or redirection required. This will usually be the side and bottom wires of every other mesh section.
- Cut the top side wire first.
- Cut the remaining side wires.
- Turn the tray over and cut the bottom wires.
- This creates open gaps in the side wall and bottom of the tray.
- Bend the tray to form the desired elbow radius curve by closing the gaps.
- Install splice kits and hardware where the wedge-shaped sections come together.
- Splice kits provide the mechanical connection, as well as electrical grounding continuity.



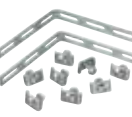




How to Form a Tee Fitting

- Determine the location of the horizontal "tee" fitting along the length of basket tray.
- Cut the side wires from the tray which shall be the horizontal tray section, to the same width as the perpendicular tray section.
- Do not cut the bottom wires.
- Align the perpendicular tray to the opening in the side of the horizontal tray.
- Position one angle bracket from the HPWWCSP corner splice kit on each side of the opening.
- Secure the angle brackets to the horizontal and perpendicular tray sections with splice kits (nut, bolt, and washer) provided in the HPWWCSP corner splice kit.
- Support the tee fitting on all three sides of the tee using appropriate support method.



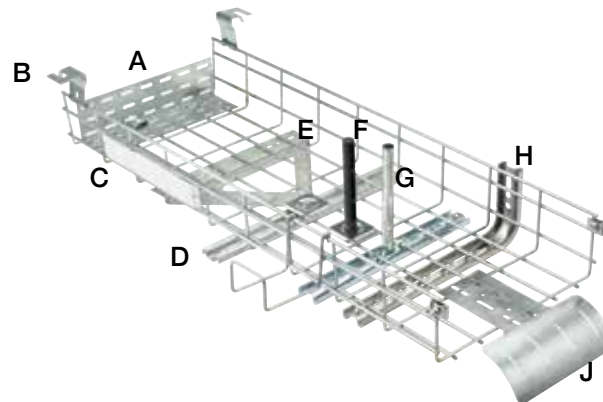
Splice Hardware

Description	Weight (lb)	Catalog No.
Splice Kit 3 piece staked bolt/washer and nut combination; Splices straight sections and field formed fittings; 50 pieces per box	5.0/box	HPWWSKT 
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	14.0/box	HPWWBSP 
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	1.0 each	HPWWCSP 
Washer Support 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	6.0/box	HPWWWST 
Grounding Kit Provides additional supplemental grounding for basket tray splices. May be specified in addition to the standard method of splicing basket tray using HPWWSKT splice kits. Kit includes five 9" #6 AWG copper leads and ten split bolts.	1.5 each	HGRKTBW5 

Wire Basket Tray: Create a Bill of Material



- A Termination Support
- B Trapeze Clips
- C Label Clip
- D Ceiling Support
- E Shelf Support



- F Cable Guide
- G Center Support
- H L-Bracket
- I Splice Kit
- J Vertical Down

Job Name: _____
 Location: _____
 Date: _____

I. Tray Size Fill in info Depth (inches): _____ Width (inches): _____ Total linear feet: _____ Total feet/10 = pieces: _____	II. Finish Check One Pre-galvanized: <input type="checkbox"/> Painted black: <input type="checkbox"/> Electro-zinc plated: <input type="checkbox"/> Custom color paint: <input type="checkbox"/>	III. Fittings QTY 90° sweep elbow: _____ Tee fitting: _____ Cross-X fitting: _____ 45° sweep elbow: _____ Reducer: _____	IV. Splices QTY* Splice kits: _____ Corner splice: _____ Washer support: _____ Bar splice: _____
V. Supports (6ft spacing) QTY Ceiling: _____ Center: _____ Trapeze clips (use in pairs): _____ Wall bracket: _____ Termination support: _____ Field fabricated from strut: _____	VI. Cable management QTY Vertical down: _____ Radius down: _____ Cable guide: _____ Side car: _____	VII. Attachment hardware QTY Termination support or blank end: _____ Electrical box bracket: _____ Fitting attachment: _____ Rack attachment: _____ Conduit attachment: _____	VIII. Tray accessories QTY Steel divider: _____ Steel cover: _____ Steel bottom insert: _____ Polymer bottom insert: _____ Label clip: _____

*See product selection tables for quantities of splices. These are dependent upon tray size. Additional splices required for fittings.

Hubbell System Solutions



Data Center Solutions Guide

Hubbell's Data Center Solutions Guide integrates fiber and copper products to help improve space utilization, reduce on-site labor, lower start-up costs, and provide a reliable network cabling infrastructure.



End-to-End 10G Infrastructure Solutions

Hubbell's End-to-End 10G Infrastructure Solutions brochure offers an overview of cabling infrastructure challenges and Hubbell's system solutions for 10GBASE-T and beyond.



Grounding and Bonding

Hubbell's full line of grounding and bonding products protect and secure active equipment from harmful electrical interference. These products provide the best performance and are highly adaptable to fit within numerous building applications.

Literature Support

Hubbell offers an extensive literature library for product support. Downloadable PDFs are available online at www.hubbell-premise.com under Resources.

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