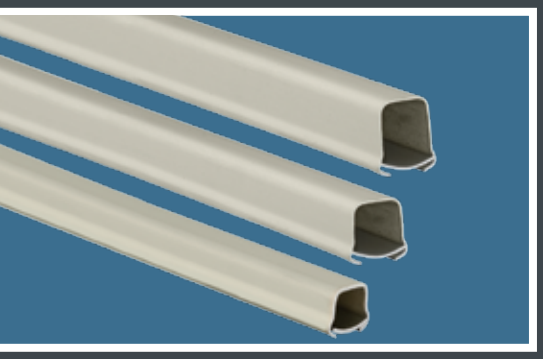
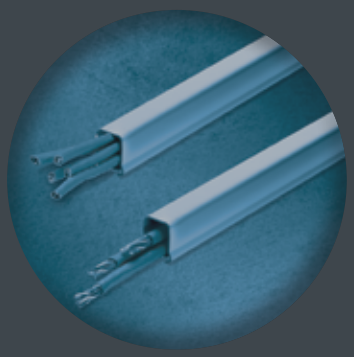
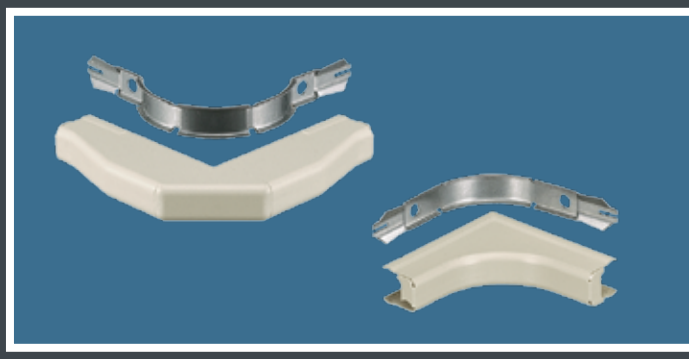
Metal Raceway
HBL500, HBL700 and HBL750 Series

HUBBELL®
Wiring Device-Kellems







HUBBELL®

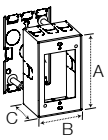
HBL500, HBL700 & HBL750 Series

Description	Color	Length	HBL500 Series	HBL700 Series	HBL750 Series
Base and Cover Available in 5 ft. (1.5m) lengths, packed 50 ft. (15m) per carton and 10 ft. (3m) lengths, packed 100 ft. (30m) per carton. HBL5701C coupling furnished with each length.	Ivory	5 ft.	—	—	**HBL7505IV**
	Ivory	10 ft.	**HBL50010IV**	**HBL700IV**	**HBL75010IV**
	White	10 ft.	**HBL50010W**	**HBL700W**	**HBL75010W**
			A: .53" (13.46) B: .76" (19.30)	A: .67" (16.90) B: .76" (19.30)	A: .85" (21.59) B: .76" (19.30)

Metal Raceway Wire Fill Capacities

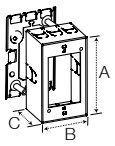
		Power (THHN/T90 Nylon)			Voice		Data (Copper Cables)					Data (Multimode Fiber Optic Cables)		
		14 AWG	12 AWG	10 AWG	4–Pair	25–Pair	Type RG59U	Cat. 5e	Cat. 6	Cat. 6A	Cat. 6 STP	(2) or (4) Fiber Round Cable	Fiber Optic Jumpers	Fiber Optic Zip Cord
	Wire O.D. (in):	0.111	0.13	0.164	0.19	0.41	0.242	0.21	0.25	0.35	0.29	0.19	0.118	.12 X .24
	Wire Area (sq. in.):	0.0097	0.0133	0.0211	0.0283	0.1320	0.0460	0.0346	0.0491	0.0962	0.0660	0.0283	0.0109	0.0288
Series	**Channel Area (sq. in.)**	Wire Fill Capacity			40%	40%	40%	40%	40%	40%	40%	40%	40%	40%
HBL500	0.22	7	5	3	2	0	1	2	1	1	1	2	8	2
HBL700	0.26	10	7	4	3	0	2	3	2	1	1	3	8	3
HBL750	0.40	12	9	5	6	1	3	5	3	2	2	6	15	6

Note: Pathway (Raceway) fill shall be 40% maximum. Raceway fittings and outlets/receptacles reduce the cross section of the raceway system, thus reducing overall cable fill capacity.



	Color	1-Gang	2-Gang	3-Gang	4-Gang	5-Gang	6-Gang
Standard	Ivory White	**HBL5748IVA** **HBL5748WA** A: 4.54" (115.32) B: 2.82" (71.63) C: 1.75" (44.45)	**HBL57482IVA** **HBL57482WA** A: 4.54" (115.32) B: 4.64" (117.86) C: 1.75" (44.45)	**HBL57483IVA** **HBL57483WA** A: 4.54" (115.32) B: 6.45" (163.88) C: 1.75" (44.45)	**HBL57484IVA** — A: 4.54" (115.32) B: 8.26" (209.91) C: 1.75" (44.45)	**HBL57485IVA** — A: 4.54" (115.32) B: 10.01" (255.93) C: 1.75" (44.45)	**HBL57486IVA** — A: 4.54" (115.32) B: 11.89" (301.96) C: 1.75" (44.45)
Shallow	Ivory White	**HBL5747IVA** **HBL5747WA** A: 4.54" (115.32) B: 2.82" (71.63) C: 1.38" (35.05)	**HBL57472IVA** **HBL57472WA** A: 4.54" (115.32) B: 4.64" (117.86) C: 1.38" (35.05)	**HBL57473IVA** — A: 4.54" (115.32) B: 6.45" (163.88) C: 1.38" (35.05)	— —	— —	— —
Deep	Ivory White	**HBL5744SIVA** **HBL5744SWA** A: 4.54" (115.32) B: 2.82" (71.63) C: 2.25" (57.00)	**HBL5744S2IVA** **HBL5744S2WA** A: 4.54" (115.32) B: 4.64" (117.86) C: 2.25" (57.00)	**HBL5744S3IVA** — A: 4.54" (115.32) B: 6.45" (163.88) C: 2.25" (57.00)	— —	— —	— —
Extra Deep	Ivory White	**HBL5744IVA** **HBL5744WA** A: 4.54" (115.32) B: 2.82" (71.63) C: 2.75" (69.85)	**HBL57442IVA** **HBL57442WA** A: 4.54" (115.32) B: 4.64" (117.86) C: 2.75" (69.85)	**HBL57443IVA** — A: 4.54" (115.32) B: 6.45" (163.88) C: 2.75" (69.85)	— —	— —	— —
Base Trade Size KOs		2- ½"	1 - ½", ¾" Concentric 1 - Rectangular	3 - ½"	4 - ½"	5 - ½"	6 - ½"

Note: For datacom applications, box selection is dependent on depth of connectors (jacks). See our Full Line Catalog at www.hubbell-wiring.com for additional information.

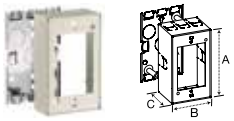
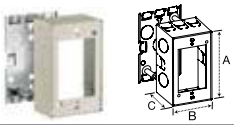
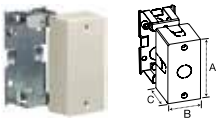


Extension Boxes

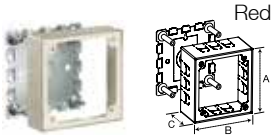
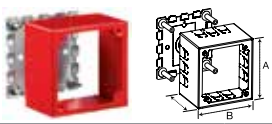
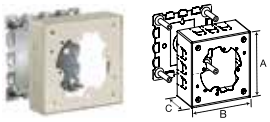
Description	Color	1-Gang	1-Gang Deep	1-Gang Blank	2-Gang	3-Gang
Extension Boxes To extend exisiting flush switch and receptacle boxes. Blank is used where it is desired to blank original outlet.	Ivory White	**HBL5751IVA** **HBL5751WA** A: 4.54" (115.32) B: 2.82" (71.63) C: 1.38" (35.05)	**HBL5751AIVA** **HBL5751AWA** A: 4.54" (115.32) B: 2.82" (71.63) C: 1.75" (44.45)	**HBL5760IVA** — A: 4.54" (115.32) B: 2.82" (71.63) C: 1.13" (28.70)	**HBL57512IVA** — A: 4.54" (115.32) B: 4.64" (117.86) C: 1.38" (35.05)	**HBL57513IVA** — A: 4.54" (115.32) B: 6.45" (163.88) C: 1.38" (35.05)

Dimensions in Inches (mm)

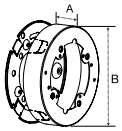
1-Gang Specialty Boxes

Description	Color	1-Gang
Low Profile Switch/Receptacle Base has ½" trade size KOs. 	Ivory White	**HBL5748SIVA** **HBL5748SWA** A: 4.54" (115.32) B: 2.82" (71.63) C: 1.13" (28.70)
Combination Switch/Recept. Connects surface runs of ½" trade size conduit, one raceway twistout each side and three raceway twistouts top and bottom. 	Ivory White	**HBL5745IVA** **HBL5745WA** A: 4.54" (115.32) B: 2.82" (71.63) C: 1.75" (44.45)
Utility Box* For use as a tee, cross, pull box, junction box or blank box. Base has ½" trade size KOs. 	Ivory White	**HBL57242IVA** **HBL57242WA** A: 4.12" (104.78) B: 2.00" (50.80) C: 1.39" (35.31)

2-Gang Specialty Boxes

Description	Color	2-Gang
Alarm Device Box Surface mounting of alarm devices and safety signals. 	Ivory White Red	**HBL5752IVA** — **HBL5752RA** A: 4.54" (115.32) B: 4.64" (117.86) C: 1.38" (35.05)
Extra Deep Alarm Device Box For surface mounting of alarm devices and safety signals. Cover is 2.75" (69.85) deep. 	Ivory White Red	**HBL5753IVA** — **HBL5753RA** A: 4.54" (115.32) B: 4.64" (117.86) C: 2.75" (69.85)
Distribution Box Twistouts permit three parallel raceway runs on each side. Cover takes devices with mounting screw centers of 2.75". (69.85), 3.5" (89.00), 4.0625" (103.00) and canopy fixture not larger than 4.625" (117.00). Can be used with HBL5736IV (blank cover) to create junction box. 	Ivory White	**HBL5735IVA** — A: 4.54" (115.32) B: 4.64" (117.86) C: 1.38" (35.05)

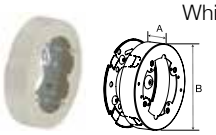
*Note: *Use catalog number HBL5791 for connecting ½ in. EMT to HBL5745 and HBL57242 boxes.*



Round Boxes

Description	Color	4.75 inches O.D.	5.50 inches O.D.	6.38 inches O.D
Extension Box (Open Base) For mounting on 3.25" (83.00) or 4" (102.00) round or square conduit boxes or other recessed outlets. Cover takes any device with mounting screw centers of 2.75" (69.85), 3.5" (89.00) and 4.06" (103.00).	Ivory White	**HBL5737IVA** **HBL5737WA** A: 1.02" (26.00) B: 4.75" (120.65)	**HBL5737AIVA** **HBL5737AWA** A: 1.02" (26.00) B: 5.50" (140.00)	**HBL5739AIVA** — A: 1.02" (26.00) B: 6.38" (162.01)
Fixture Box (Solid Base) To hang fixtures. Cover takes any device with mounting screw centers of 2.75" (69.85), 3.5" (89.00) and 4.06" (103.00). Both boxes can be used as a pull or junction box when used with HBL5736IV/W (blank cover).	Ivory White	**HBL5738IVA** **HBL5738WA** A: 1.02" (26.00) B: 4.75" (120.65)	**HBL5738AIVA** **HBL5738AWA** A: 1.02" (26.00) B: 5.50" (140.00)	**HBL5739IVA** **HBL5739WA** A: 1.02" (26.00) B: 6.38" (162.01)

Specialty Round Boxes

Description	Color	Catalog Number
Outlet Box For devices with mounting screw centers of 1.47" (37.00), 1.63" (41.00), 1.69" (44.00) or 1.84" (46.00).	Ivory White	**HBL5733IVA** — A: 1.02" (26.00) B: 3.00" (76.00)
Fanbox with Solid Base Cover accepts fan bracket with mounting centers of 3.2" (81.00). Rated for fans and fixtures up to 50 lbs.	Ivory White	**HBL5738AFIVA** **HBL5738AFWA** A: .38" (9.75) B: 4.19" (106.30)
Retrofit Box for Fire Alarm Detectors For installing round alarm sensors. 	Ivory White	**HBL5739AABIVA** **HBL5739AABWA** A: 1.62" (41.15) B: 6.50" (165.10)

Round Covers

Description	Color	Catalog Number
Blank Cover For use with HBL5733IVA. Has ½" trade size KO in center.	Ivory White	**HBL5731IV** — A: .24" (6.10) B: 2.40" (60.96)
Blank Cover For use with HBL5735IVA, HBL5737IVA/WA, HBL5737AIVA/WA, HBL5739AIVA, HBL5738IVA/WA, HBL5738AIVA/WA and HBL5739IVA/WA. Has ½" trade size KO in center.	Ivory White	**HBL5736IV** **HBL5736W** A: .38" (9.75) B: 4.19" (106.30)

Dimensions in Inches (mm)

Elbows

Description	Color	HBL500 Series	HBL700 and HBL750 Series
Internal Elbow For inside surfaces at right angles.	Ivory White	**HBL517IV** **HBL517W** A: 3.33" (84.51) B: .58" (14.73) C: 3.33" (84.51)	**HBL717IVA** **HBL717WA** A: 3.33" (84.51) B: .90" (22.86) C: 3.33" (84.51)
External Elbow For outside surfaces at right angles.	Ivory White	**HBL518IV** **HBL518W** A: 2.59" (65.71) B: ..58" (14.73) C: 2.59" (65.71)	**HBL718IVA** **HBL718WA** A: 2.59" (65.71) B: .90" (22.86) C: 2.59" (65.71)
90˚ Flat Elbow For right angle turns on same surface.	Ivory White	**HBL511IV** **HBL511W** A: 2.68" (68.13) B: .61" (15.50) C: 2.68" (68.13)	**HBL711IVA** **HBL711WA** A: 2.68" (68.13) B: .90" (22.86) C: 2.68" (68.13)
45° Flat Elbow For diagonal 45° turns on same surface.	Ivory White	**HBL512IV** — A: 2.46" (62.61) B: .58" (14.73) C: 2.46" (62.61)	**HBL712IVA** — A: 2.70" (68.49) B: .91" (23.06) C: 2.70" (68.49)

Description	Color	HBL500, HBL700 & HBL750 Series
Internal Elbow Bend Radius For inside surface at right angles requiring a 1.5" (38.10) bend radius. Suitable for Category 5, 5e, 6 and 6A applications.	Ivory White	**HBL5717BRIVA** — A: 3.33" (84.51) B: .91" (23.11) C: 3.33" (84.51)
External Elbow Bend Radius For outside surfaces at right angles requiring a 1.5 in. (38.10) bend radius. Suitable for Category 5, 5e, 6 and 6A applications.	Ivory White	**HBL5718BRIVA** — A: 4.86" (123.43) B: .78" (19.80) C: 1.35" (34.28)
Flat Elbow Bend Radius For right angle turns requiring a 1.5 in. (38.10) bend radius. Suitable for Category 5, 5e, 6 and 6A applications.	Ivory White	**HBL5711BRIVA** — A: 3.16" (80.34) B: .91" (23.11) C: 3.16" (80.34)
Internal Twisted Elbows For 90° twist with 90° turn. For double turn at right angles from one to another. From a flat run on a side wall to a flat run on a ceiling, edge of door or window trim.	Ivory White Ivory White	Right Elbow **HBL5711RHIVA** **HBL5711RHWA** Left Elbow **HBL5711LHIVA** **HBL5711LHWA** A: 2.98" (75.72) B: .94" (23.75) C: 3.00" (76.20)

Tees

Description	Color	HBL500, HBL700 & HBL750 Series
Tee Fitting For branches at right angles.	Ivory White	**HBL5715IVA** **HBL5715WA** A: 3.06" (77.67) B: 1.14" (28.86) C: 3.03" (76.96)

Description	Color	HBL500, HBL700 & HBL750 Series
Tee Fitting Bend Radius For branches at right angles requiring a 1.5 in. (38.10) bend radius. Suitable for Category 5, 5e, 6 and 6A applications.	Ivory White	**HBL5715BRIVA** — A: 5.55" (140.88) B: .90" (22.86) C: 3.16" (80.34)

Fittings

Description	Color	HBL500, HBL700 & HBL750 Series
Support Clip For supporting lengths of HBL500, HBL700 or HBL750 Raceway.	Ivory White	**HBL5703IV** **HBL5703W** A: 2.51" (63.75)

Description	Color	HBL500, HBL700 & HBL750 Series
Flexible Section For getting around offsets, side bends, twisted turns or curved surfaces.	Ivory White	**HBL5700FIVA** — A: 18.00" (457.20)

Dimensions in Inches (mm)

End Fittings

Description	Color	HBL500, HBL700 & HBL750 Series
Entrance Connector One ¾ in. KO for panel or conduit connection. One ¾ in. chase nipple and locknut furnished.	Ivory White	**HBL5786AIVA** **HBL5786AWA** A: 1.50" (38.10) B: 1.84" (46.74) C: 3.89" (98.87)
Adjustable Offset Connector Two ½ in. KOs for panel or conduit connection. Eliminates offsetting raceway when connecting to surface type panel boxes. One ½ in. chase nipple and locknut furnished.	Ivory White	**HBL5786IVA** **HBL5786WA** A: 1.50" (38.10) B: 1.84" (46.74) C: 3.89" (98.87)
Elbow Box Connector For connecting raceway at right angles to conduit boxes, panel boxes, etc. having ½ in. nipple for trade size conduit.	Ivory White	**HBL5783IVA** — A: 2.13" (54.05) B: 1.24" (31.50)
Elbow Conduit Connector For connecting raceway at right angles to ½ in. trade size conduit or armored cable connectors.	Ivory White	**HBL5784IVA** — A: 2.13" (54.05) B: 1.24" (31.50)
Combination Connector For connecting raceway without offsetting to any 3.25 in. (83.00) or 4 in. (102.00) outlet box mounted on the surface with a KO for ½ in. trade size conduit. Spring steel bushing eliminates need for conduit nipple and locknut.	Ivory White	**HBL5785AIVA** **HBL5785AWA** A: 1.50" (38.10) B: 1.84" (46.74) C: 3.89" (98.87)
Corner Box For connecting HBL500, HBL700 or HBL750 Raceway from ceiling or corner. Each leg of base has ½ in. trade size KO.	Ivory White	**HBL5719IVA** **HBL5719WA** A: 2.50" (63.50) B: 2.50" (63.50) C: 2.40" (60.96)

Fittings

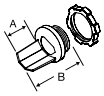
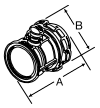
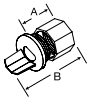
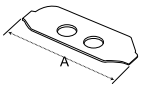
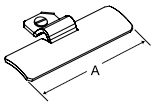
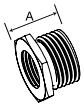
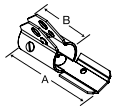
Description	Color	HBL500 Series	HBL700 Series	HBL750 Series
Transition Fitting For transitioning from either Wiremold® V500 to Hubbell HBL500 Raceway or Wiremold® V700 to Hubbell HBL700 Raceway or Wiremold® V700 to Hubbell HBL750 Raceway.	Ivory White	**HBL500TFIV** — A: .65" (16.51) B: .89" (22.61) C: 2.15" (54.61)	**HBL700TFIV** — A: .78" (19.80) B: .89" (22.61) C: 2.15" (54.61)	**HBL750TFIV** — A: .98" (24.89) B: .89" (22.61) C: 2.15" (54.61)
Mounting Strap (one- or two-hole) For mounting HBL500, HBL700 or HBL750 Raceway to surface. Convert to one-hole by breaking off at score.	Ivory White	**HBL504IV** **HBL504W** A: .58" (14.73) B: .50" (12.70)	**HBL7004IV** **HBL7004W** A: .70" (17.68) B: .50" (12.70)	**HBL7504IV** **HBL7504W** A: .90" (22.86) B: .50" (12.70)
Connection Cover To cover potential openings where two lengths of HBL500, HBL700 or HBL750 Raceway come together.	Ivory White	**HBL506IV** **HBL506W** A: .60" (15.24) B: .80" (20.31)	**HBL7006IV** **HBL7006W** A: .69" (17.40) B: .80" (20.31)	**HBL7506IV** **HBL7506W** A: .91" (23.10) B: .80" (20.31)
Bushing Protect wires from potential abrasion. Fits into end of HBL500, HBL700 or HBL750 Raceway.	Steel*	**HBL502B** A: .35" (8.83) B: .70" (17.68)	**HBL7002B** A: .49" (12.50) B: .78" (19.80)	**HBL7502B** A: .60" (15.24) B: .70" (17.68)

*Note: *Zinc Plated Steel.*

Wiremold® is a registered trademark of the Wiremold Company.

Dimensions in Inches (mm)

Fittings

Description	Material	HBL500, HBL700 & HBL750 Series		Description	Material	HBL500, HBL700 & HBL750 Series
Box Connector For connecting raceway to conduit boxes or panel boxes having KO for conduit. May also be used for conduit type fittings. 	Steel*	**HBL5781** ½" NPT (13) Male A: .75" (19.1) B: 1.24" (31.62)	**HBL5781A** ¾" NPT (19) Male A: .75" (19.1) B: 1.24" (31.62)	**½ in. EMT Connector** For connecting raceway to conduit boxes or panel boxes having KO for conduit. 	Steel*	**HBL5791** A: 1.20" (30.48) B: 1.09" (27.70)
Conduit Connector For connecting raceway to conduit. 	Steel*	**HBL5782C** ½" NPT (13) Male A: .75" (19.1) B: 1.75" (44)	**HBL5782A** ¾" (19.1) Female A: .75" (19.1) B: 1.75" (44)	**Coupling** For joining and supporting lengths of HBL500, HBL700 or HBL750 Raceway. 	Steel**	**HBL5701C** A: 2.00" (50.80)
Grounding Clamp Provides grounding means for ½ in. trade size conduit using locknut.	Steel**	**HBL5709GC** A: 1.04" (26.03) B: 1.18" (29.84)		**Ground Clamp** Used to provide additional grounding of raceway or to ground remotely located devices. Attach ground wire to screw as required by National Electrical Code. 	Steel**	**HBL5709** A: 2.00" (50.80)
Special Nipple For hanging or connecting either .375 in. (9.5) or .5 in. (12.7) fixtures to Hubbell fittings with ½ in. trade size KOs. 	Steel*	**HBL5780** A: .63" (16.00)		**Armored Cable Connector** For connecting 14/2, 14/3, 12/2 and 12/3 "MC" and armored cable to Hubbell fittings. A short piece of HBL500, HBL700 or HBL750 Series Raceway must be used between this connector and the Hubbell fitting. Not for connection to ½ in. (12.7) flex conduit. 	Steel**	**HBL5790B** A: 2.00" (50.80) B: .99" (25.25)

*Note: *Zinc Plated Steel.*
***Galvanized Steel.*

Tools

Description	HBL500 Series	HBL700 Series	HBL750 Series	Description	Color	HBL500, HBL700 & HBL750 Series
Cutter Portable cutter for HBL500, HBL700 or HBL750 Series Raceways.	**HBL605CUT**	**HBL700CUT**	**HBL607CUT**	**Raceway Bender** Portable bender for HBL500, HBL700 or HBL750 Series Raceways.		**HBL600B**
Cutter Replacement Blade	**HBL605K**	**HBL700K**	**HBL607K**	**Touch-Up Paint Pen**	Ivory White	**HBLIWEP** **HBLWWEP**

Dimensions in Inches (mm)

Hubbell Offers a Broad Line of Un-wired and Pre-wired Surface Raceway

Features and Benefits

Innovative Box Design

- Hubbell Handi-Screw® eliminates difficult to install long screws for easier installation
- Rounded corners eliminate sharp edges
- One seam construction provides “clean” look
- Box design allows standard wallplates to be mounted flush with virtually no perimeter profile exposed
- Full line of metal wallplates available

Metallic Raceway

- Single Channel
  - HBL500, HBL700, HBL750, HBL2000, HBL2400 and HBL3000 Series products
- Multi-channel
  - HBL2400D, HBL4750, HBL6750 Series products
- PlugTrak® and Portable PlugTrak®
  - Standard and Tamper-Resistant

Non-Metallic Raceway

- Single Channel
  - PT1, PP1, PL1, and PW1 Series products
- Multi-channel
  - PW2, PB2, PB3 and PS3 Series products
- Non-metallic PlugTrak® and Portable PlugTrak®
  - Standard and Tamper-Resistant

Aluminum Raceway

- Single Channel
  - HBLALU2000, HBLALU3800
- Multi-channel
  - HBLALU4800, HBLALU5000, HBLALU7620
- PlugTrak®
  - Standard and Tamper-Resistant

Metal Raceway
HBL500, HBL700 and HBL750 Series

HUBBELL®
Wiring Device-Kellems

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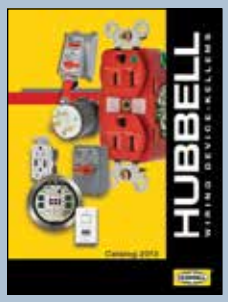
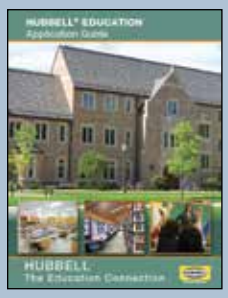


2013 Full Line Catalog

The new Hubbell Wiring Device-Kellems catalog showcases our enhanced product offering to provide a breadth of solutions for the industrial, commercial and residential markets.

Hubbell Safety Brochure

Hubbell has always been focused on safety. That's why Hubbell products are designed and developed to first provide maximum safety against injury and the potential dangers of electricity.

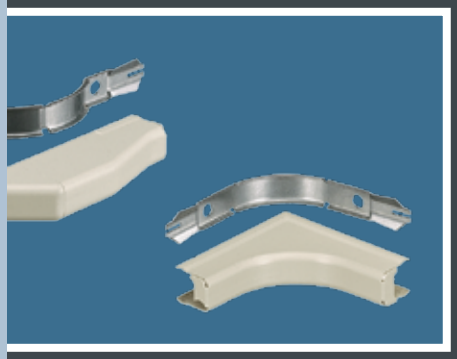


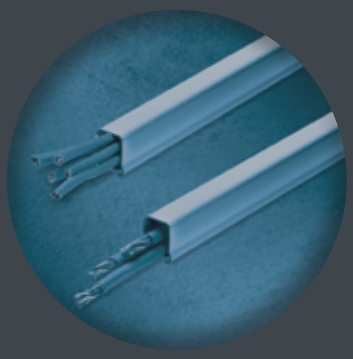
Hubbell Education Application Guide

Education Application Guide to assist education facility managers and engineers in identifying and deploying wiring devices for power, data, voice and multimedia in a variety of education spaces and applications.

Hubbell Healthcare Application Guide

Healthcare Brochure featuring Hospital Grade Plugs, Connectors, Receptacles and more.





Literature Support

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

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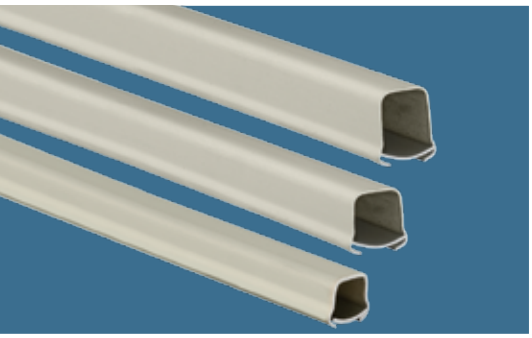

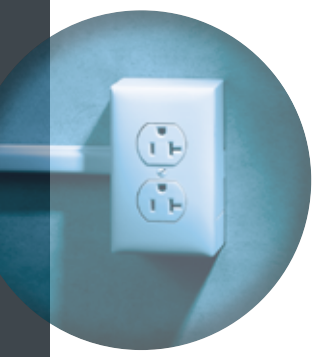

Metal Raceway
HBL500, HBL700 and HBL750 Series

HUBBELL®
Wiring Device-Kellems

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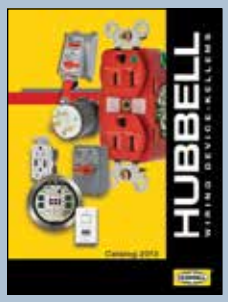

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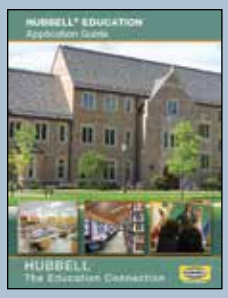

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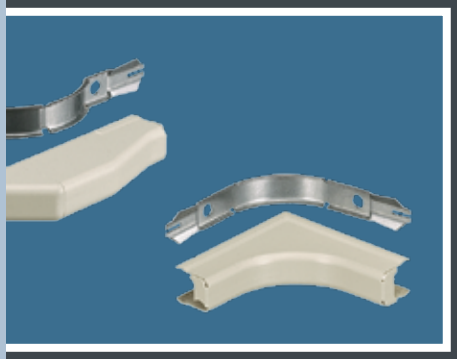

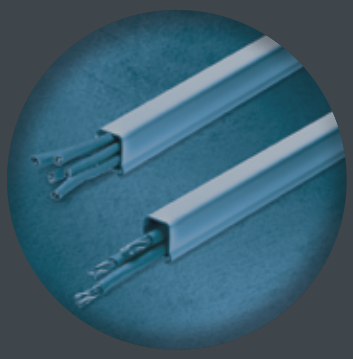

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