LITPD142 Rev.4



Surface Raceway Systems

TSRP Power Rated Raceway System
TSR Low Voltage Raceway System
InfoStream™ Multi-Channel Raceway System

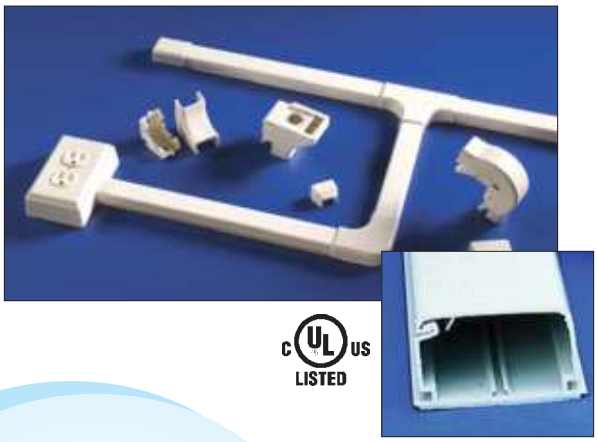
HellermannTyton
A SPIRENT Company

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HellermannTyton's surface raceway systems are industry preferred for their sleek designs, labor savings features, and durability. HellermannTyton offers an integrated raceway package which fits together to meet the requirements of most any raceway application. Installed at school systems, hospitals, research centers, factories, offices, and many other end-user locations, HellermannTyton's raceway systems make the difference in aesthetics, durability and cost savings through designs which promote easy installation.

TSRP — POWER SURFACE RACEWAY

HellermannTyton's TSRP power surface raceway is a one piece, non-metallic, adhesive backed latching raceway designed to aesthetically organize and route either power or communications cables.

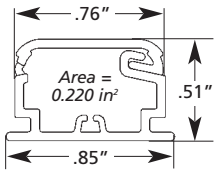


TSRP Product Features

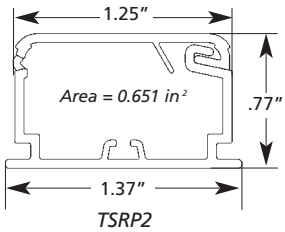
- Completely tamper resistant, the cover's self-locking, hidden positive latch permits quick re-entry as well as providing a secure installation of power cables.
- U.L. Listed for power up to 600 Volts, meeting UL5A and CSA 22.2 No. 62-93 Standards.
- Manufactured from UL 94V-0 rated PVC material
- Fittings incorporate a minimum 1" bend radius per TIA/EIA 568-B and 569-A standards.
- Large base for greater adhesive surface
- Rubber-based foam tape adhesive with high ultimate bond strength, which conforms to any surface.
- Flexible hinge allows the raceway to endure numerous openings without creating discoloration or stress cracking.
- Junction boxes can be used for electrical or data outlets.
- Designed to complement our industry standard TSR low voltage raceway system.

"Most people don't realize that there are many choices available when selecting a raceway. If you install the right raceway, it can make the entire room look good, while still offering excellent cable protection."
-Design/Build Customer

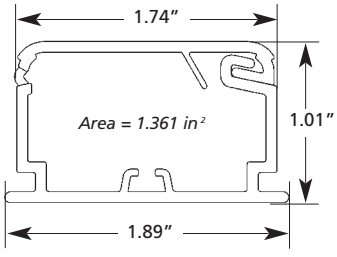
TSRP Product Dimensions



TSRP1



TSRP2



TSRP3

TSRP Product Selection

HellermannTyton Part no.	Description	Dimensions	Pkg. Qty.
TSRP1 Raceway			
TSRP1X-6A	3/4" One Piece Surface Raceway	3/4"(W) x 1/2"(H) x 6'(L)	120 feet of 6 foot lengths
TSRP1X-8A	3/4" One Piece Surface Raceway	3/4"(W) x 1/2"(H) x 8'(L)	160 feet of 8 foot lengths
TSRP2 Raceway			
TSRP2X-6A	1-1/4" One Piece Surface Raceway	1-1/4"(W) x 3/4"(H) x 6'(L)	120 feet of 6 foot lengths
TSRP2X-8A	1-1/4" One Piece Surface Raceway	1-1/4"(W) x 3/4"(H) x 8'(L)	160 feet of 8 foot lengths
TSRP3 Raceway			
TSRP3X-6A	1-3/4" One Piece Surface Raceway	1-3/4"(W) x 1"(H) x 6'(L)	120 feet of 6 foot lengths
TSRP3X-8A	1-3/4" One Piece Surface Raceway	1-3/4"(W) x 1"(H) x 8'(L)	160 feet of 8 foot lengths

Replace "X" in the part number with the following letters for desired color: X = I (ivory), FW (office white), W (white)

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TSRP — POWER SURFACE RACEWAY ACCESSORIES

HellermannTyton provides a complete line of fittings to manage power cabling requirements. They are available for each raceway size in the following colors: electrical ivory, white, and office white.



SPLICE COVER
TSRPX-14



TEE
TSRPX-21-1



ELBOW
TSRPX25-1



EXTERNAL CORNER
TSRPX-29-1



INTERNAL CORNER
TSRPX-33-1



END CAP
TSRPX-36



CEILING DROP
TSRPX-50



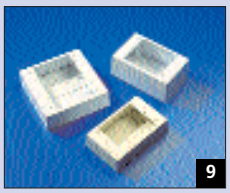
REDUCER
TSRPX-12

TSRP Product Selection

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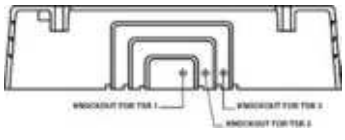
Photo No.	Hellermann-Tyton Part No	Description	Pkg. Qty.
	TSRP1 Fittings		
1	**TSRP1X-14**	Splice Cover – 3/4"	10
2	**TSRP1X-21-1**	Tee – 3/4" –1" Bend Radius	10
3	**TSRP1X-25-1**	Elbow – 3/4" –1" Bend Radius	10
4	**TSRP1X-29-1**	External Corner – 3/4" –1" Bend Radius	10
5	**TSRP1X-33-1**	Internal Corner – 3/4" –1" Bend Radius	10
6	**TSRP1X-36**	End Cap – 3/4"	10
7	**TSRP1X-50**	Ceiling Drop – 3/4" –1" Bend Radius	10
	TSRP2 Fittings		
1	**TSRP2X-14**	Splice Cover – 1-1/4"	10
2	**TSRP2X-21-1**	Tee – 1-1/4" –1" Bend Radius	10
3	**TSRP2X-25-1**	Elbow – 1-1/4" –1" Bend Radius	10
4	**TSRP2X-29-1**	External Corner – 1-1/4" –1" Bend Radius	10
5	**TSRP2X-33-1**	Internal Corner – 1-1/4" –1" Bend Radius	10
6	**TSRP2X-36**	End Cap – 1-1/4"	10
7	**TSRP2X-50**	Ceiling Drop – 1-1/4" –1" Bend Radius	10
	TSRP3 Fittings		
1	**TSRP3X-14**	Splice Cover – 1-3/4"	10
2	**TSRP3X-21-1**	Tee – 1-3/4" –1" Bend Radius	10
3	**TSRP3X-25-1**	Elbow – 1-3/4" –1" Bend Radius	10
4	**TSRP3X-29-1**	External Corner – 1-3/4" –1" Bend Radius	10
5	**TSRP3X-33-1**	Internal Corner – 1-3/4" –1" Bend Radius	10
6	**TSRP3X-36**	End Cap – 1-3/4"	10
7	**TSRP3X-50**	Ceiling Drop – 1-3/4" –1" Bend Radius	10
	Reducers		
8	**TSRP1X-12**	Reducer – 1-3/4" to 1-1/4" (TSRP3 to TSRP2)	10
8	**TSRP2X-12**	Reducer – 1-3/4" to 3/4" (TSRP3 to TSRP1)	10
8	**TSRP3X-12**	Reducer – 1-1/4" to 3/4" (TSRP2 to TSRP1)	10
	Junction Boxes		
9	**TSRPX-JB1**	Single Gang - 3"(W) x 4.75"(L) x 1.25"(H)	1
9	**TSRPX-JB2**	Single Gang - 3"(W) x 4.75"(L) x 2"(H)	1
9	**TSRPX-JBD**	Dual Gang - 4.91"(W) x 4.83"(L) x 1.25"(H)	1

Replace "X" in the part number with the following letters for desired color: X = I (ivory), FW (office white), W (white)

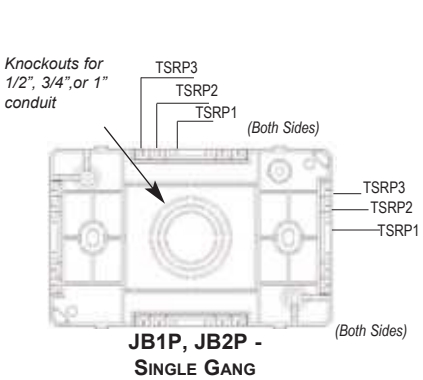


Junction Boxes

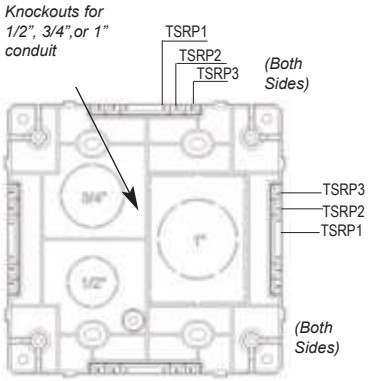
Offered in a dual or single gang format, HellermannTyton's power-rated junction boxes are versatile enough for any power cabling application. Available in varying depths, these boxes are all equipped with concentric knockouts on all four sides for every TSRP size of raceway which eliminates routing and installation inconvenience. All three styles of junction boxes come with adhesive strips on the back of the base and #6 screws to secure the box to the base.



TSRP Junction Box Knockout Locations



JB1P, JB2P - SINGLE GANG

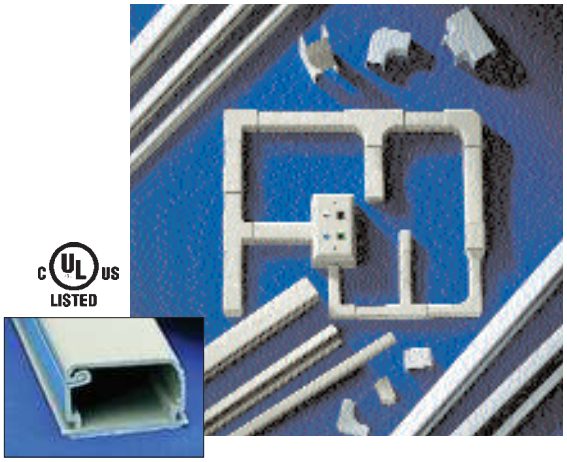


JBDP - DUAL GANG

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TSR — LOW VOLTAGE SURFACE RACEWAY

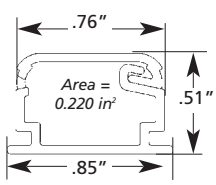
HellermannTyton's low voltage raceway (TSR) is a one piece, non-metallic, adhesive backed latching raceway designed to aesthetically organize and route communications wires including high speed UTP cable and fiber optic cable from the telecommunications area to the workstation.



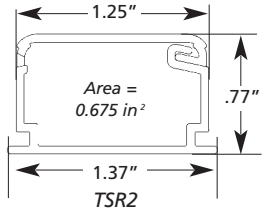
TSR Product Features

- Tamper resistant, the cover's self-locking, hidden positive latch permits quick re-entry as well as providing a secure installation of premise wire.
- Manufactured from UL 94V-0 rated PVC material
- Fittings incorporate a minimum 1" bend radius per TIA/EIA 568-B and 569-A standards.
- Rubber-based foam tape adhesive with high ultimate bond strength conforms to any surface.
- Flexible hinge allows the raceway to endure numerous openings without creating discoloration or stress cracking.
- Junction boxes can be used for electrical or data outlets
- Available in 6 and 8 ft. lengths in three widths – 3/4",1-1/4" and 1-3/4" for varying cabling requirements .

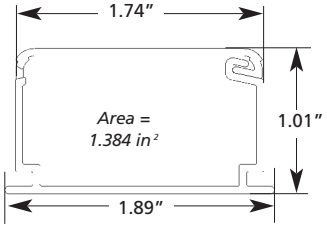
TSR Product Dimensions



TSR1



TSR2



TSR3

TSR Product Selection

HellermannTyton Part No.	Description	Dimensions	Pkg. Qty.
TSR1 Raceway			
TSR1X-6A	3/4" One Piece Surface Raceway	3/4"(W) x 1/2"(H) x 6'(L)	120 feet of 6 foot lengths
TSR1X-8A	3/4" One Piece Surface Raceway	3/4"(W) x 1/2"(H) x 8'(L)	160 feet of 8 foot lengths
TSR2 Raceway			
TSR2X-6A	1-1/4" One Piece Surface Raceway	1-1/4"(W) x 3/4"(H) x 6'(L)	120 feet of 6 foot lengths
TSR2X-8A	1-1/4" One Piece Surface Raceway	1-1/4"(W) x 3/4"(H) x 8'(L)	160 feet of 8 foot lengths
TSR3 Raceway			
TSR3X-6A	1-3/4" One Piece Surface Raceway	1-3/4"(W) x 1"(H) x 6'(L)	120 feet of 6 foot lengths
TSR3X-8A	1-3/4" One Piece Surface Raceway	1-3/4"(W) x 1"(H) x 8'(L)	160 feet of 8 foot lengths

Replace "X" in the part number with the following letters for desired color: X = I (ivory), FW (office white), W (white)

TSR and TSRP Wire Fill Chart

			Low Voltage - TSR						Power Rated - TSRP					
			TSR1 A = 0.220 in²		TSR2 A = 0.675 in²		TSR3 A = 1.384 in²		TSRP 1 A = 0.220 in²		TSRP 2 A = 0.651 in²		TSRP3 A = 1.361 in²	
Wire Type	Wire Size	O.D. of Wire	Spec	Max	Spec	Max	Spec	Max	Spec	Max	Spec	Max	Spec	Max
Twisted Pair	2 Pr.	0.140	5	8	17	26	35	53	5	8	16	25	35	53
24 AWG	3 Pr.	0.150	4	7	15	22	31	46	4	7	14	22	30	46
Unshielded	**4 Pr. Cat 5e**	**0.217**	**2**	**3**	**7**	**10**	**14**	**22**	**2**	**3**	**7**	**10**	**14**	**22**
	4 Pr. Cat 6	**0.240**	**1**	**2**	**5**	**8**	**12**	**18**	**1**	**2**	**5**	**8**	**12**	**18**
	25 Pr.	0.410	0	0	2	3	4	6	0	0	1	2	4	6
Coax	RG58/U	0.193	3	4	9	13	18	28	2	4	8	13	18	27
	RG59/U or RG62/U	0.242	1	2	5	8	12	18	1	2	4	6	9	14
	RG6/U	0.270	1	2	4	7	9	14	1	2	4	6	9	14
Fiber Optic	2 Strand	0.175	3	5	11	16	23	34	3	5	10	16	22	33
FA Jacket	4 Strand	0.185	3	4	10	15	20	30	3	4	9	14	20	30
OFNP	6 Strand	0.210	2	3	7	11	15	23	2	3	7	11	15	23
Electrical Wire	14 AWG THHN	0.105	-	-	-	-	-	-	-	8	-	11	-	15
	12 AWG THHN	0.122	-	-	-	-	-	-	-	6	-	9	-	12
	10 AWG THHN	0.153	-	-	-	-	-	-	-	4	-	6	-	7

Formula used to calculate communications wire fill capacity - Numbers of wires = duct / {1/4 x 3.14 x (wire o.d.)²} x 0.4 or 0.6. Per ANSI/TIA/EIA-569-A-:
SPEC = 40% fill which is recommended for planning perimeter pathways
MAX (for data) = 60% fill which is allowed to accommodate unplanned additions after initial installation
MAX (for power) = Maximum number determined by UL temperature testing

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TSR — LOW VOLTAGE SURFACE RACEWAY ACCESSORIES

HellermannTyton provides a complete line of fittings to manage connectivity requirements from the telecommunications area to the workstation. Each size of raceway offers numerous fittings, offered in electrical ivory, white or office white, including TIA/EIA-568-B compliant 1" bend radius accessories which help ensure consistent data transmission performance of Category 5, 5e and 6 communications systems.



SPLICE COVER
TSRX-14



TEE COVER
TSRX-21-1



ELBOW
TSRX25-1



EXTERNAL CORNER
TSRX-29-1



INTERNAL CORNER
TSRX-33-1



END CAP
TSRX-36



CEILING DROP
TSRX-50

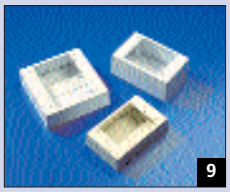


REDUCER
TSRX-12

TSR Product Selection

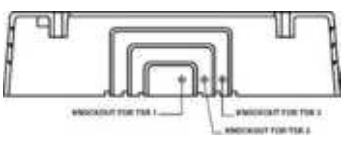
Photo No.	Hellermann-Tyton Part No.	Description	Pkg. Qty.
	TSR1 Fittings		
1	**TSR1X-14**	Splice Cover – 3/4"	10
2	**TSR1X-21-1**	Tee Cover - 3/4" – 1" Bend Radius	10
3	**TSR1X-25-1**	Elbow Cover – 3/4" - 1" Bend Radius	10
4	**TSR1X-29-1**	External Cover – 3/4" – 1" Bend Radius	10
5	**TSR1X-33-1**	Internal Cover – 3/4" – 1" Bend Radius	10
6	**TSR1X-36**	End Cap – 3/4"	10
7	**TSR1X-50**	Ceiling Drop – 3/4"	10
	TSR2 Fittings		
1	**TSR2X-14**	Splice Cover – 1-1/4"	10
2	**TSR2X-21-1**	Tee Cover – 1-1/4" – 1" Bend Radius	10
3	**TSR2X-25-1**	Elbow Cover – 1-1/4" – 1" Bend Radius	10
4	**TSR2X-29-1**	External Cover – 1-1/4" – 1" Bend Radius	10
5	**TSR2X-33-1**	Internal Cover – 1-1/4" – 1" Bend Radius	10
6	**TSR2X-36**	End Cap – 1-1/4"	10
7	**TSR2X-50**	Ceiling Drop – 1-1/4"	10
	TSR3 Fittings		
1	**TSR3X-14**	Splice Cover – 1-3/4"	10
2	**TSR3X-21-1**	Tee Cover – 1-3/4" – 1" Bend Radius	10
3	**TSR3X-25-1**	Elbow Cover – 1-3/4" – 1" Bend Radius	10
4	**TSR3X-29-1**	External Cover – 1-3/4" – 1" Bend Radius	10
5	**TSR3X-33-1**	Internal Cover – 1-3/4" – 1" Bend Radius	10
6	**TSR3X-36**	End Cap – 1-3/4"	10
7	**TSR3X-50**	Ceiling Drop – 1-3/4"	10
	Reducers		
8	**TSR1X-12**	Reducer – 1-3/4" to 1-1/4" (TSR3 to TSR2)	10
8	**TSR2X-12**	Reducer – 1-3/4" to 3/4" (TSR3 to TSR1)	10
8	**TSR3X-12**	Reducer – 1-1/4" to 3/4" (TSR2 to TSR1)	10
	Junction Boxes		
9	**TSRX-JB1**	Single Gang - 3"(W) x 4.75"(L) x 1.25"(H)	1
9	**TSRX-JB2**	Single Gang - 3"(W) x 4.75"(L) x 2"(H)	1
9	**TSRX-JBD**	Dual Gang - 4.91"(W) x 4.83"(L) x 1.25"(H)	1

Replace "X" in the part number with the following letters for desired color: X = I (ivory), FW (office white), W (white)

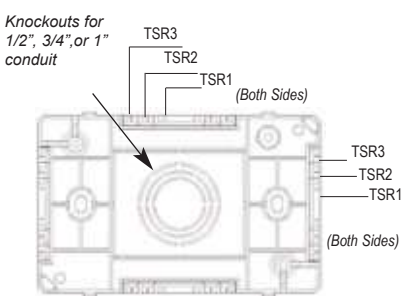


Junction Boxes

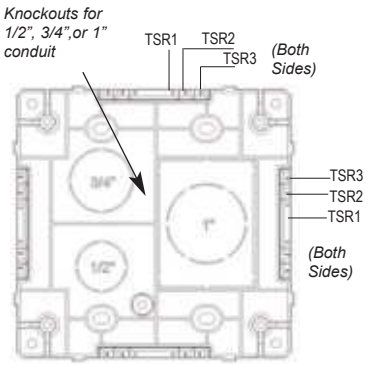
Offered in a dual or single gang format, HellermannTyton's low voltage junction boxes are versatile enough for any network cabling application. Available in varying depths, these boxes are all equipped with concentric knockouts on all four sides for every TSR size of raceway which eliminates routing and installation inconvenience. All three styles of junction boxes come with adhesive strips on the back of the base and also #6 screws to secure the box to the base.



TSR Junction Boxes Knockout Locations



JB1, JB2 - SINGLE GANG



JBD - DUAL GANG

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INFOSTREAM™ — MULTI-CHANNEL RACEWAY

HellermannTyton's InfoStream is a revolutionary design for a non-metallic raceway system. The elliptical shape is aesthetically pleasing to customers when compared to other designs. By using the three rails to snap in dividers, the InfoStream system can accommodate up to four separate channels of electrical, voice, data, video or fiber optic cabling. InfoStream's unique and patented design makes installation quicker and easier. The raceway and fittings are manufactured from a UL 94V-0 rated material.



c UL us LISTED

InfoStream™ Product Features

- All fittings are designed to maintain the required 1" minimum bend radius per TIA/EIA-568-A and 569-A standards.
- U.L. Listed to 600 Volts – meets new UL5A and CSA 22.2 No. 62-93 standards.
- Patented hinged cover speeds installation time by allowing the installer to partially mount cover prior to laying cables.
- Light weight also eases installation and reduces labor costs.
- Offset elbow is the only solution currently on the market for wall offsets between 2"- 6".
- Mates directly with HellermannTyton's TSR and TSRP single channel raceway systems.
- System is designed to accept all NEMA standard faceplates and devices.
- Offset box gives installer the option to offset electrical outlet above or below raceway.
- Cable tie mount retains cables inside of channel if necessary and accepts standard HellermannTyton cable ties.
- Entrance end fitting allows entrance into raceway from ceiling or through wall.

"I've had customers tell me that they thought the raceway was going to be this ugly stick hanging on the wall. But with the HellermannTyton raceway, it looks nice, blends in, and our customers are always impressed with it."
-Contractor Customer

"The hinged cover (of HellermannTyton's InfoStream raceway) makes a great deal of difference during the installation. You don't have to use devices to hold the cable in place while you're installing the raceway."
-Contractor Customer



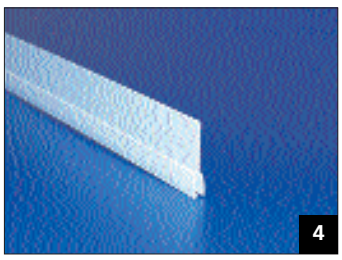
Raceway Base with Side Divider
MCRx-B8 or MCRx-B10



Raceway Base with Center Divider
MCRx-B8 or MCRx-B10



Raceway Cover
MCRx-C8 or MCRx-C10



Raceway Side Divider
MCRW-SD8 or MCRW-SD10

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INFOSTREAM™ — MULTI-CHANNEL RACEWAY



Entrance End
MCRX-ENT



Raised Device Bracket
MCRX-RDB



Raised Electrical Box
MCRX-REB



Base Splice
MCRX-BS



Communications Device Bracket
MCRX-CDB



Cover Splice
MCRX-CS



End Cap
MCRX-EC



Electrical Device Bracket
MCRX-EDB



External Elbow
MCRX-EE



Flat Elbow
MCRX-FE



Internal Elbow
MCRX-IE



Offset Box
MCRX-OB



Offset Elbow
MCRX-OE



Tee Fitting
MCRX-TE



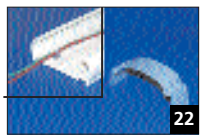
Tee Fitting Divider
MCRX-LTD



Transition Fitting
MCRX-TF



Transition Fitting
MCRX-PTF



Tie Mount - Wire Retainer
MCRG-TM *MCRG-WR*

InfoStream™ Product Selection

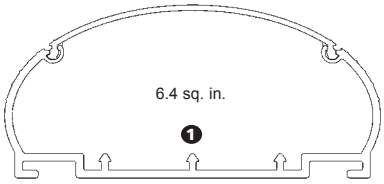
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Photo No	HellermannTyton Part Number	Description	Pkg. Qty.	Carton Qty.
1	**MCRX-BS8**	Raceway Base – *8 ft. with side divider*	48 ft.	
1	**MCRX-BS10**	Raceway Base – *10 ft. with side divider* *Base is supplied with pre-punched/slotted mounting holes every 8".*	60 ft.	
2	**MCRX-B8**	Raceway Base – *8 ft. with center divider*	48 ft.	
2	**MCRX-B10**	Raceway Base – *10 ft. with center divider* *Center and side dividers are not interchangeable.*	60 ft.	
3	**MCRX-C8**	Raceway Cover – *8 ft.*	48 ft.	
3	**MCRX-C10**	Raceway Cover – *10 ft.*	60 ft.	
4	**MCRW-SD8**	Raceway Side Divider – *8 ft.*		96 ft.
4	**MCRW-SD10**	Raceway Side Divider– *10 ft.* *Snaps onto either side of raceway base rails for proper power and data separation per UL/CSA.*		120 ft.
5	**MCRX-ENT**	Entrance End Fitting – *To enter InfoStream raceway. Includes conduit knockouts on back and top of fitting to allow for entry from ceiling or through wall. Knockout sizes: 3/4", 1", 1-1/4", 1-3/4", 2", and 2-1/2"*	1	20
6	**MCRX-RDB**	Raised Device Bracket Fitting- *high capacity communication bracket used to mount single gang faceplates. - Allows for additional wire fill space and additional device clearance.*	10	160
7	**MCRX-REB**	Raised Electrical Bracket Fitting - *Used to mount NEMA standard single gang electrical faceplates. Allows for additional low-voltage wire fill space.*	5 10	140 120
8	**MCRX-BS**	Base Splice – Joins 2 sections of raceway base	10	250
9	**MCRX-CDB**	Communications Device Bracket – *Used to mount single gang faceplates for communications devices - cover splice required for proper use.*	10	80
10	**MCRX-CS**	Cover Splice – *Joins 2 sections of raceway cover and required with use of CDB, EDB, and OB device brackets.*	10	500
11	**MCRX-EC**	End Cap – *Completes raceway or provides transition for 1/2", 3/4" and 1" conduit*	1	80
12	**MCRX-EDB**	Electrical Device Bracket – *Used to mount NEMA standard single gang electrical faceplates - cover splice required for proper use.*	10	120
13	**MCRX-EE**	External Elbow – *Joins raceway at 90° outside corner*	1	16
14	**MCRX-FE**	Flat Elbow – *Joins raceway at 90° flat angle*	1	24
15	**MCRX-IE**	Internal Elbow – *Joins raceway at 90° inside corner*	1	16
16	**MCRX-OB**	Offset Box – *Option for communications devices in raceway and electrical outlets on side*	1	20
17	**MCRX-OE**	Offset Elbow – *For small wall offsets between 2"-6". Used in conjunction with piece of raceway. Corner filler included for a flush appearance.*	1	10
18	**MCRX-TE**	Tee Fitting – *Joins 3 sections of raceway and includes divider*	1	15
19	**MCR-LTD**	Tee Fitting Divider – *Divides power & communications cables on the oppostie side*		
20	**MCRX-TF**	Transition Fitting – *Knockouts are provided for TSR1, TSR2, and TSR3 Surface Raceway*	1	24
21	**MCRX-PTF**	Power Transition Fitting - *Knockouts are provided for TSRP1, TSRP2, and TSRP3 Surface Raceway.*		
22	**MCRG-TM**	Tie Mount – *Keeps wire & cable bundled. Accepts standard HellermannTyton cable ties T18-T50*	100	4000
22	**MCRG-WR**	Wire Retainer – *Keeps wire & cable in place.*	10	800

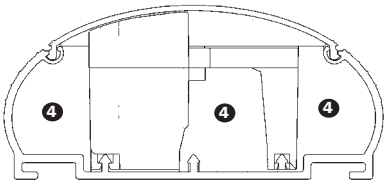
Replace "x" in the part number with the following letters for desired color: x = I (ivory), FW (office white)

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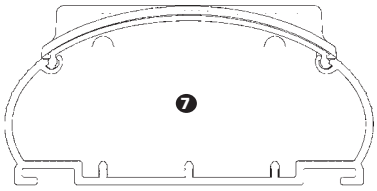
INFOSTREAM™ — MULTI-CHANNEL RACEWAY



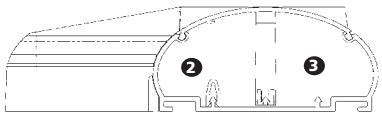
Base and Cover with No Devices



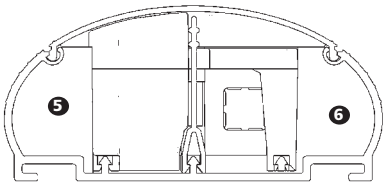
Data Only Using Communications Device Bracket (CDB)



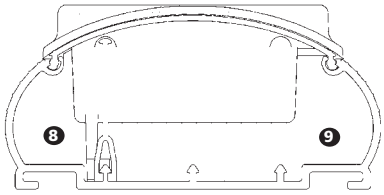
Data Only using Raised Bracket (RDB)



Offset Box (OB)



Power and Data Inline (EDB, CDB)



Power and Data Inline using Raised Brackets (REB, RDB)

InfoStream™ Wire Fill Chart

LOW VOLTAGE	Raceway Area of Raceway		Channel. 1 6.40in²		Channel 2 1.220in²		Channel 3 4.260in²		Channel 4 3.060in²		Channel 5 1.000in²		Channel 6 1.150in²		Channel 7 5.880in²		Channel 8 0.800in²		Channel 9 2.450in²	
Wire Type	**Wire Size**	**OD of Wire**	**Spec**	**Max**	**Spec**	**Max**	**Spec**	**Max**	**Spec**	**Max**	**Spec**	**Max**	**Spec**	**Max**	**Spec**	**Max**	**Spec**	**Max**	**Spec**	**Max**
Twisted Pair	2 Pr.	0.140	166	249	31	47	110	166	79	119	25	38	29	44	152	229	20	31	63	95
24 AWG	3 Pr.	0.150	144	217	27	41	96	144	69	103	22	33	26	39	133	199	18	27	55	83
Unshielded	**4 Pr. Cat 5e**	**0.217**	**69**	**103**	**13**	**19**	**46**	**69**	**33**	**49**	**10**	**16**	**12**	**18**	**63**	**95**	**8**	**12**	**26**	**39**
	4 Pr. Cat 6	**0.240**	**56**	**84**	**10**	**16**	**37**	**56**	**27**	**40**	**8**	**13**	**10**	**15**	**51**	**77**	**7**	**10**	**21**	**32**
	25 Pr.	0.410	19	29	3	5	12	19	9	13	3	4	3	5	17	26	2	3	7	11
Coax	RG58/U	0.193	87	131	16	25	58	87	41	62	13	20	15	23	80	120	10	16	33	50
	RG59U or RG62U	0.242	55	83	10	15	37	55	26	39	8	13	10	15	51	76	6	10	21	31
	RG6/U	0.270	44	67	8	12	29	44	21	32	6	10	8	12	41	61	5	8	17	25
Fiber Optic	2 Strand	0.175	106	159	20	30	70	106	50	76	16	24	19	28	97	146	13	19	40	61
FA Jacket	4 Strand	0.185	95	142	18	27	63	95	45	68	14	22	17	25	87	131	11	17	36	54
OFNP	6 Strand	0.210	73	110	14	21	49	73	35	53	11	17	13	19	67	101	9	13	28	42
Fiber Optic	2 Strand	0.175	106	159	20	30	70	106	50	76	16	24	19	28	97	146	13	19	40	61
62.5/125/900	4 Strand	0.185	95	142	18	27	63	95	45	68	14	22	17	25	87	131	11	17	36	54
PVC Jacket	6 Strand	0.210	73	110	14	21	49	73	35	53	11	17	13	19	67	101	9	13	28	42
OFNR	8 Strand	0.230	61	92	11	17	41	61	29	44	9	14	11	16	56	84	7	11	23	35
	10 Strand	0.250	52	78	9	14	34	52	24	37	8	12	9	14	47	71	6	9	19	29
Electrical Wire	14 AWG THHN	0.105		30		21		-		-		17		-		27		14		-
	12 AWG THHN	0.122		25		15		-		-		12		-		22		11		-
	10 AWG THHN	0.153		19		9		-		-		8		-		17		8		-

Formula used to calculate communications wire fill capacity - Numbers of wires = duct / {1/4 x 3.14 x (wire o.d.)²} x 0.4 or 0.6. Per ANSI/TIA/EIA-569-A-:
SPEC = 40% fill which is recommended for planning perimeter pathways
MAX (for data) = 60% fill which is allowed to accommodate unplanned additions after initial installation
MAX (for power) = Maximum number determined by UL temperature testing

Detailed information on all HellermannTyton raceway products, including drawings, specifications, installation instructions and an interactive bill of materials can be found on: www.myhtnetwork.com

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