

TSR - Low Voltage Surface Raceway Accessories

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

Product Selection

Article No.	Part No.	Type	Description	Color	Pkg. Qty.
TSR1 Raceway Fittings					
250-01141	TSR1FW-14	TSR1-14	Splice Cover - 3/4"	Office White	10
250-01402	TSR1W-14	TSR1-14	Splice Cover - 3/4"	White	10
250-01401	TSR1I-14	TSR1-14	Splice Cover - 3/4"	Ivory	10
250-01216	TSR1FW-21-1	TSR1-21-1	Tee Cover - 3/4" - 1" Bend Radius	Office White	10
250-01213	TSR1W-21-1	TSR1-21-1	Tee Cover - 3/4" - 1" Bend Radius	White	10
250-01211	TSR1I-21-1	TSR1-21-1	Tee Cover - 3/4" - 1" Bend Radius	Ivory	10
250-01252	TSR1FW-25-1	TSR1-25-1	Elbow Cover - 3/4" - 1" Bend Radius	Office White	10
250-01257	TSR1W-25-1	TSR1-25-1	Elbow Cover - 3/4" - 1" Bend Radius	White	10
250-01254	TSR1I-25-1	TSR1-25-1	Elbow Cover - 3/4" - 1" Bend Radius	Ivory	10
250-12904	TSR1FW-29-1	TSR1-29-1	External Corner - 3/4" - 1" Bend Radius	Office White	10
250-12912	TSR1W-29-1	TSR1-29-1	External Corner - 3/4" - 1" Bend Radius	White	10
250-12908	TSR1I-29-1	TSR1-29-1	External Corner - 3/4" - 1" Bend Radius	Ivory	10
250-01332	TSR1FW-33-1	TSR1-33-1	Internal Corner - 3/4" - 1" Bend Radius	Office White	10
250-01337	TSR1W-33-1	TSR1-33-1	Internal Corner - 3/4" - 1" Bend Radius	White	10
250-01334	TSR1I-33-1	TSR1-33-1	Internal Corner - 3/4" - 1" Bend Radius	Ivory	10
250-01361	TSR1FW-36	TSR1-36	End Cap - 3/4"	Office White	10
250-01363	TSR1W-36	TSR1-36	End Cap - 3/4"	White	10
250-01362	TSR1I-36	TSR1-36	End Cap - 3/4"	Ivory	10
250-01502	TSR1FW-50	TSR1-50	Ceiling Drop - 3/4"	Office White	10
250-01503	TSR1W-50	TSR1-50	Ceiling Drop - 3/4"	White	10
250-01501	TSR1I-50	TSR1-50	Ceiling Drop - 3/4"	Ivory	10
TSR2 Raceway Fittings					
250-02140	TSR2FW-14	TSR2-14	Splice Cover - 1-1/4"	Office White	10
250-02142	TSR2W-14	TSR2-14	Splice Cover - 1-1/4"	White	10
250-02141	TSR2I-14	TSR2-14	Splice Cover - 1-1/4"	Ivory	10
250-02213	TSR2FW-21-1	TSR2-21-1	Tee Cover - 1-1/4" - 1" Bend Radius	Office White	10
250-02215	TSR2W-21-1	TSR2-21-1	Tee Cover - 1-1/4" - 1" Bend Radius	White	10
250-02214	TSR2I-21-1	TSR2-21-1	Tee Cover - 1-1/4" - 1" Bend Radius	Ivory	10
250-02255	TSR2FW-25-1	TSR2-25-1	Elbow Cover - 1-1/4" - 1" Bend Radius	Office White	10
250-02253	TSR2W-25-1	TSR2-25-1	Elbow Cover - 1-1/4" - 1" Bend Radius	White	10
250-02256	TSR2I-25-1	TSR2-25-1	Elbow Cover - 1-1/4" - 1" Bend Radius	Ivory	10
250-22904	TSR2FW-29-1	TSR2-29-1	External Corner - 1-1/4" - 1" Bend Radius	Office White	10
250-22903	TSR2W-29-1	TSR2-29-1	External Corner - 1-1/4" - 1" Bend Radius	White	10
250-22906	TSR2I-29-1	TSR2-29-1	External Corner - 1-1/4" - 1" Bend Radius	Ivory	10
250-02333	TSR2FW-33-1	TSR2-33-1	Internal Corner - 1-1/4" - 1" Bend Radius	Office White	10
250-02335	TSR2W-33-1	TSR2-33-1	Internal Corner - 1-1/4" - 1" Bend Radius	White	10
250-02334	TSR2I-33-1	TSR2-33-1	Internal Corner - 1-1/4" - 1" Bend Radius	Ivory	10
250-02360	TSR2FW-36	TSR2-36	End Cap - 1-1/4"	Office White	10
250-02362	TSR2W-36	TSR2-36	End Cap - 1-1/4"	White	10
250-02361	TSR2I-36	TSR2-36	End Cap - 1-1/4"	Ivory	10
250-02500	TSR2FW-50	TSR2-50	Ceiling Drop - 1-1/4"	Office White	10
250-02504	TSR2W-50	TSR2-50	Ceiling Drop - 1-1/4"	White	10
250-02501	TSR2I-50	TSR2-50	Ceiling Drop - 1-1/4"	Ivory	10


Splice Cover

Tee Cover

Elbow Cover

External Corner

Internal Corner

End Cap

Ceiling Drop

Routing and Raceway Products

TSR - Low Voltage Surface Raceway Accessories

Product Selection					
Article No.	Part No.	Type	Description	Color	Pkg. Qty.
TSR3 Raceway Fittings					
250-03140	TSR3FW-14	TSR3-14	Splice Cover - 1-3/4"	Office White	10
250-03142	TSR3W-14	TSR3-14	Splice Cover - 1-3/4"	White	10
250-03141	TSR3I-14	TSR3-14	Splice Cover - 1-3/4"	Ivory	10
250-03214	TSR3FW-21-1	TSR3-21-1	Tee Cover - 1-3/4" - 1" Bend Radius	Office White	10
250-03213	TSR3W-21-1	TSR3-21-1	Tee Cover - 1-3/4" - 1" Bend Radius	White	10
250-03215	TSR3I-21-1	TSR3-21-1	Tee Cover - 1-3/4" - 1" Bend Radius	Ivory	10
250-03253	TSR3FW-25-1	TSR3-25-1	Elbow Cover - 1-3/4" - 1" Bend Radius	Office White	10
250-03255	TSR3W-25-1	TSR3-25-1	Elbow Cover - 1-3/4" - 1" Bend Radius	White	10
250-03254	TSR3I-25-1	TSR3-25-1	Elbow Cover - 1-3/4" - 1" Bend Radius	Ivory	10
250-32903	TSR3FW-29-1	TSR3-29-1	External Corner - 1-3/4" - 1" Bend Radius	Office White	10
250-32905	TSR3W-29-1	TSR3-29-1	External Corner - 1-3/4" - 1" Bend Radius	White	10
250-32904	TSR3I-29-1	TSR3-29-1	External Corner - 1-3/4" - 1" Bend Radius	Ivory	10
250-03333	TSR3FW-33-1	TSR3-33-1	Internal Corner - 1-3/4" - 1" Bend Radius	Office White	10
250-03335	TSR3W-33-1	TSR3-33-1	Internal Corner - 1-3/4" - 1" Bend Radius	White	10
250-03334	TSR3I-33-1	TSR3-33-1	Internal Corner - 1-3/4" - 1" Bend Radius	Ivory	10
250-03360	TSR3FW-36	TSR3-36	End Cap - 1-3/4"	Office White	10
250-03362	TSR3W-36	TSR3-36	End Cap - 1-3/4"	White	10
250-03361	TSR3I-36	TSR3-36	End Cap - 1-3/4"	Ivory	10
250-03500	TSR3FW-50	TSR3-50	Ceiling Drop - 1-3/4"	Office White	10
250-03502	TSR3W-50	TSR3-50	Ceiling Drop - 1-3/4"	White	10
250-03501	TSR3I-50	TSR3-50	Ceiling Drop - 1-3/4"	Ivory	10

Use **Part No.** for ordering and **Type** for specification purposes.



Reducers

Product Selection					
Article No.	Part No.	Type	Description	Color	Pkg. Qty.
250-01120	TSR1FW-12	TSR1-12	Reducer - 1-3/4" to 1-1/4" (TSR3 to TSR2)	Office White	10
250-01124	TSR1W-12	TSR1-12	Reducer - 1-3/4" to 1-1/4" (TSR3 to TSR2)	White	10
250-01122	TSR1I-12	TSR1-12	Reducer - 1-3/4" to 1-1/4" (TSR3 to TSR2)	Ivory	10
250-02120	TSR2FW-12	TSR2-12	Reducer - 1-3/4" to 3/4" (TSR3 to TSR1)	Office White	10
250-02122	TSR2W-12	TSR2-12	Reducer - 1-3/4" to 3/4" (TSR3 to TSR1)	White	10
250-02121	TSR2I-12	TSR2-12	Reducer - 1-3/4" to 3/4" (TSR3 to TSR1)	Ivory	10
250-03120	TSR3FW-12	TSR3-12	Reducer - 1-1/4" to 3/4" (TSR2 to TSR1)	Office White	10
250-03122	TSR3W-12	TSR3-12	Reducer - 1-1/4" to 3/4" (TSR2 to TSR1)	White	10
250-03121	TSR3I-12	TSR3-12	Reducer - 1-1/4" to 3/4" (TSR2 to TSR1)	Ivory	10

Use **Part No.** for ordering and **Type** for specification purposes.



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 five styles of junction boxes come with adhesive strips for the back of the base, and also #6 screws to secure the box to the base.

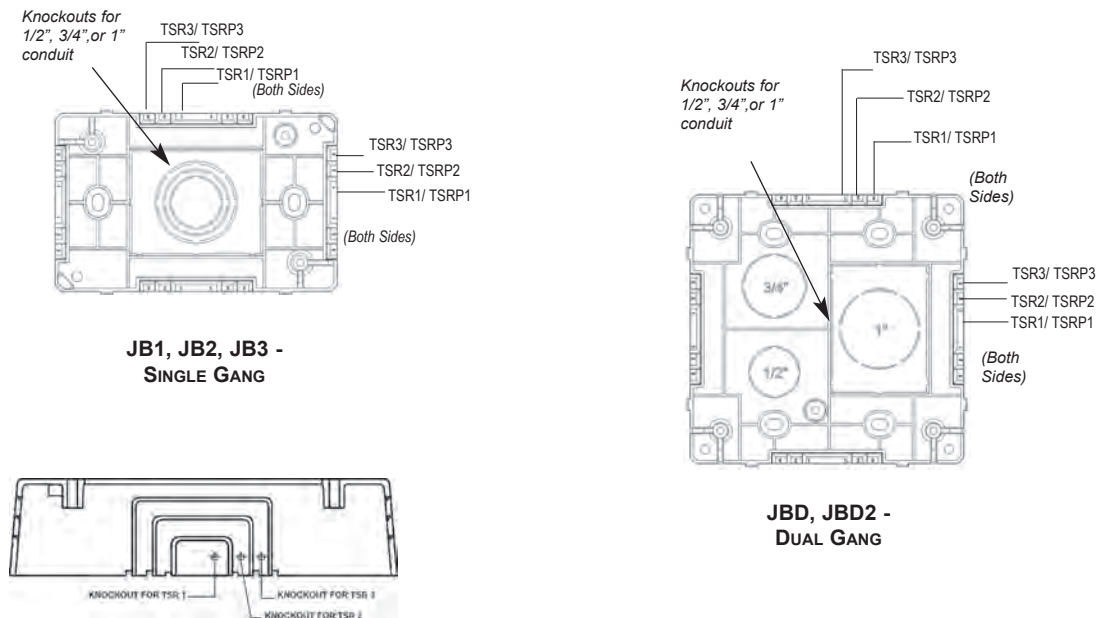


Product Selection

Article No.	Part No.	Type	Description	Color	Width	Height	Length	Pkg. Qty.
250-10001	TSRFW-JB1	TSR-JB1	Single Gang Junction Box	Office White	3"	1.25"	4.75"	1
250-10009	TSRW-JB1	TSR-JB1	Single Gang Junction Box	White	3"	1.25"	4.75"	1
250-10004	TSRI-JB1	TSR-JB1	Single Gang Junction Box	Ivory	3"	1.25"	4.75"	1
250-10002	TSRFW-JB2	TSR-JB2	Single Gang Junction Box	Office White	3"	2"	4.75"	1
250-10010	TSRW-JB2	TSR-JB2	Single Gang Junction Box	White	3"	2"	4.75"	1
250-10005	TSRI-JB2	TSR-JB2	Single Gang Junction Box	Ivory	3"	2"	4.75"	1
250-00191	TSRFW-JB3	TSR-JB3	Single Gang Junction Box	Office White	3.2"	2.77"	4.95"	1
250-00192	TSRW-JB3	TSR-JB3	Single Gang Junction Box	White	3.2"	2.77"	4.95"	1
250-00193	TSRI-JB3	TSR-JB3	Single Gang Junction Box	Ivory	3.2"	2.77"	4.95"	1
250-10003	TSRFW-JBD	TSR-JBD	Dual Gang Junction Box	Office White	4.91"	1.5"	4.83"	1
250-10013	TSRW-JBD	TSR-JBD	Dual Gang Junction Box	White	4.91"	1.5"	4.83"	1
250-10008	TSRI-JBD	TSR-JBD	Dual Gang Junction Box	Ivory	4.91"	1.5"	4.83"	1
250-20001	TSRFW-JBD2	TSR-JBD2	Dual Gang Junction Box	Office White	5.02"	2.77"	4.94"	1
250-20000	TSRW-JBD2	TSR-JBD2	Dual Gang Junction Box	White	5.02"	2.77"	4.94"	1
250-20002	TSRI-JBD2	TSR-JBD2	Dual Gang Junction Box	Ivory	5.02"	2.77"	4.94"	1

Use **Part No.** for ordering and **Type** for specification purposes.
 *Recommend using the TSRX-JB2, TSRX-JB3 AND TSRX-JBD2 for voice and data applications

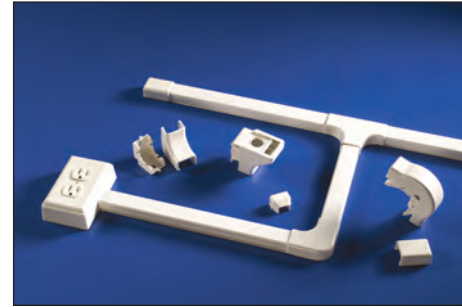
TSR and TSRP Junction Box Knockout Locations



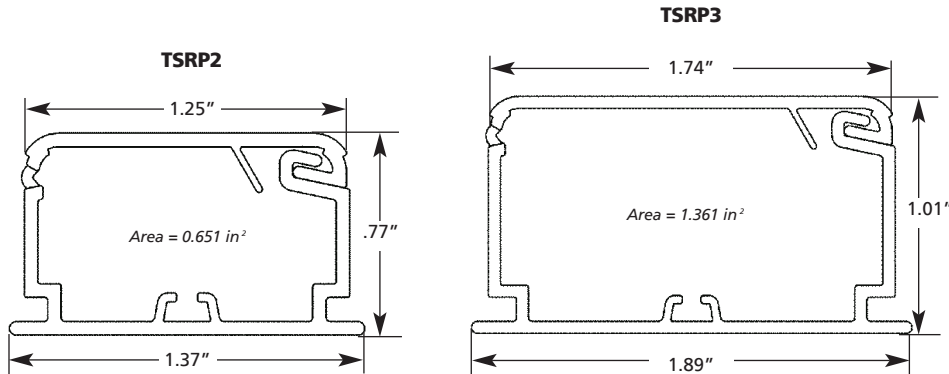
Routing and Raceway Products

TSRP - Power Rated 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. 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.



- UL Listed for power up to 600 Volts, meeting UL5A and CSA 22.2 Number 62-93
- Manufactured from UL 94V-0 rated PVC material
- Large base for greater adhesive surface
- Junction boxes can be used for electrical or data outlets
- Fittings incorporate a minimum 1" bend radius per ANSI/TIA-568-C and 569-A
- 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
- Designed to complement HellermannTyton's industry standard TSR low voltage raceway system



Product Selection

Article No.	Part No.	Type	Description	Color	Width (W)	Height (H)	Length (L)	Carton Qty.
TSRP2 Raceway								
250-62600	TSRP2FW-6A	TSRP2-6A	1-1/4" One Piece Surface Raceway	Office White	1.25"	.75"	6ft	120
250-62602	TSRP2W-6A	TSRP2-6A	1-1/4" One Piece Surface Raceway	White	1.25"	.75"	6ft	120
250-62601	TSRP2I-6A	TSRP2-6A	1-1/4" One Piece Surface Raceway	Ivory	1.25"	.75"	6ft	120
250-62800	TSRP2FW-8A	TSRP2-8A	1-1/4" One Piece Surface Raceway	Office White	1.25"	.75"	8ft	160
250-62802	TSRP2W-8A	TSRP2-8A	1-1/4" One Piece Surface Raceway	White	1.25"	.75"	8ft	160
250-62801	TSRP2I-8A	TSRP2-8A	1-1/4" One Piece Surface Raceway	Ivory	1.25"	.75"	8ft	160
TSRP3 Raceway								
250-63600	TSRP3FW-6A	TSRP3-6A	1-3/4" One Piece Surface Raceway	Office White	1.75"	1"	6ft	120
250-63602	TSRP3W-6A	TSRP3-6A	1-3/4" One Piece Surface Raceway	White	1.75"	1"	6ft	120
250-63601	TSRP3I-6A	TSRP3-6A	1-3/4" One Piece Surface Raceway	Ivory	1.75"	1"	6ft	120
250-63800	TSRP3FW-8A	TSRP3-8A	1-3/4" One Piece Surface Raceway	Office White	1.75"	1"	8ft	160
250-63802	TSRP3W-8A	TSRP3-8A	1-3/4" One Piece Surface Raceway	White	1.75"	1"	8ft	160
250-63801	TSRP3I-8A	TSRP3-8A	1-3/4" One Piece Surface Raceway	Ivory	1.75"	1"	8ft	160

Use **Part No.** for ordering and **Type** for specification purposes.

TSRP — Power Surface Raceway Accessories

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

Product Selection						
Article No.	Part No.	Type	Description	Color	Pkg. Qty.	
TSRP2 Raceway Fittings						
250-62140	TSRP2FW-14	TSRP2-14	Splice Cover - 1-1/4"	Office White	10	
250-62142	TSRP2W-14	TSRP2-14	Splice Cover - 1-1/4"	White	10	<i>Splice Cover</i>
250-62141	TSRP2I-14	TSRP2-14	Splice Cover - 1-1/4"	Ivory	10	
250-62210	TSRP2FW-21-1	TSRP2-21-1	Tee - 1-1/4" - 1" Bend Radius	Office White	10	
250-62214	TSRP2W-21-1	TSRP2-21-1	Tee - 1-1/4" - 1" Bend Radius	White	10	<i>Tee Cover</i>
250-62212	TSRP2I-21-1	TSRP2-21-1	Tee - 1-1/4" - 1" Bend Radius	Ivory	10	
250-62250	TSRP2FW-25-1	TSRP2-25-1	Elbow - 1-1/4" - 1" Bend Radius	Office White	10	
250-62253	TSRP2W-25-1	TSRP2-25-1	Elbow - 1-1/4" - 1" Bend Radius	White	10	<i>Elbow Cover</i>
250-62251	TSRP2I-25-1	TSRP2-25-1	Elbow - 1-1/4" - 1" Bend Radius	Ivory	10	
250-62291	TSRP2FW-29-1	TSRP2-29-1	External Corner - 1-1/4" - 1" Bend Radius	Office White	10	
250-62295	TSRP2W-29-1	TSRP2-29-1	External Corner - 1-1/4" - 1" Bend Radius	White	10	<i>External Corner</i>
250-62293	TSRP2I-29-1	TSRP2-29-1	External Corner - 1-1/4" - 1" Bend Radius	Ivory	10	
250-62330	TSRP2FW-33-1	TSRP2-33-1	Internal Corner - 1-1/4" - 1" Bend Radius	Office White	10	
250-02335	TSR2W-33-1	TSR2-33-1	Internal Corner - 1-1/4" - 1" Bend Radius	White	10	<i>Internal Corner</i>
250-62332	TSRP2I-33-1	TSRP2-33-1	Internal Corner - 1-1/4" - 1" Bend Radius	Ivory	10	
250-62360	TSRP2FW-36	TSRP2-36	End Cap - 1-1/4"	Office White	10	
250-62362	TSRP2W-36	TSRP2-36	End Cap - 1-1/4"	White	10	<i>End Cap</i>
250-62361	TSRP2I-36	TSRP2-36	End Cap - 1-1/4"	Ivory	10	
250-62500	TSRP2FW-50	TSRP2-50	Ceiling Drop - 1-1/4"	Office White	10	
250-62502	TSRP2W-50	TSRP2-50	Ceiling Drop - 1-1/4"	White	10	<i>Ceiling Drop</i>
250-62501	TSRP2I-50	TSRP2-50	Ceiling Drop - 1-1/4"	Ivory	10	

Use **Part No.** for ordering and **Type** for specification purposes.

Routing and Raceway Products

TSRP — Power Surface Raceway Accessories

Product Selection

Article No.	Part No.	Type	Description	Color	Pkg. Qty.
TSRP3 Raceway Fittings					
250-63140	TSRP3FW-14	TSRP3-14	Splice Cover - 1-3/4"	Office White	10
250-63142	TSRP3W-14	TSRP3-14	Splice Cover - 1-3/4"	White	10
250-63141	TSRP3I-14	TSRP3-14	Splice Cover - 1-3/4"	Ivory	10
250-63210	TSRP3FW-21-1	TSRP3-21-1	Tee -1-3/4" - 1" Bend Radius	Office White	10
250-63214	TSRP3W-21-1	TSRP3-21-1	Tee -1-3/4" - 1" Bend Radius	White	10
250-63212	TSRP3I-21-1	TSRP3-21-1	Tee -1-3/4" - 1" Bend Radius	Ivory	10
250-63250	TSRP3FW-25-1	TSRP3-25-1	Elbow -1-3/4" - 1" Bend Radius	Office White	10
250-63254	TSRP3W-25-1	TSRP3-25-1	Elbow -1-3/4" - 1" Bend Radius	White	10
250-63252	TSRP3I-25-1	TSRP3-25-1	Elbow -1-3/4" - 1" Bend Radius	Ivory	10
250-63290	TSRP3FW-29-1	TSRP3-29-1	External Corner - 1-3/4" 1" Bend Radius	Office White	10
250-63294	TSRP3W-29-1	TSRP3-29-1	External Corner - 1-3/4" 1" Bend Radius	White	10
250-63292	TSRP3I-29-1	TSRP3-29-1	External Corner - 1-3/4" 1" Bend Radius	Ivory	10
250-63330	TSRP3FW-33-1	TSRP3-33-1	Internal Corner - 1-3/4" 1" Bend Radius	Office White	10
250-63334	TSRP3W-33-1	TSRP3-33-1	Internal Corner - 1-3/4" 1" Bend Radius	White	10
250-63332	TSRP3I-33-1	TSRP3-33-1	Internal Corner - 1-3/4" 1" Bend Radius	Ivory	10
250-63360	TSRP3FW-36	TSRP3-36	End Cap - 1-3/4"	Office White	10
250-63361	TSRP3I-36	TSRP3-36	End Cap - 1-3/4"	Ivory	10
250-63362	TSRP3W-36	TSRP3-36	End Cap - 1-3/4"	White	10
250-63500	TSRP3FW-50	TSRP3-50	Ceiling Drop - 1-3/4"	Office White	10
250-63504	TSRP3W-50	TSRP3-50	Ceiling Drop - 1-3/4"	White	10
250-63502	TSRP3I-50	TSRP3-50	Ceiling Drop - 1-3/4"	Ivory	10

Use **Part No.** for ordering and **Type** for specification purposes.



Reducers

Product Selection

Article No.	Part No.	Type	Description	Color	Pkg. Qty.
250-61120	TSRP1FW-12	TSRP1-12	Reducer - 1-3/4" to 1-1/4" (TSRP3 to TSRP2)	Office White	10
250-61122	TSRP1W-12	TSRP1-12	Reducer - 1-3/4" to 1-1/4" (TSRP3 to TSRP2)	White	10
250-61121	TSRP1I-12	TSRP1-12	Reducer - 1-3/4" to 1-1/4" (TSRP3 to TSRP2)	Ivory	10

Use **Part No.** for ordering and **Type** for specification purposes.



Junction Boxes

Offered in a dual or single gang format, HellermannTyton's power rated 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 TSRP size of raceway, which eliminates routing and installation inconvenience. All three styles of junction boxes come with adhesive strips for the back of the base and #6 screws to secure the box to the base.



Product Selection

Article No.	Part No.	Type	Description	Color	Width	Height	Length	Pkg. Qty.
250-60001	TSRPFW-JB1	TSRP-JB1	Single Gang Junction Box	Office White	3"	1.25"	4.75"	1
250-60004	TSRPI-JB1	TSRP-JB1	Single Gang Junction Box	Ivory	3"	1.25"	4.75"	1
250-60007	TSRPFW-JB1	TSRP-JB1	Single Gang Junction Box	White	3"	1.25"	4.75"	1
250-60002	TSRPFW-JB2	TSRP-JB2	Single Gang Junction Box	Office White	3"	2"	4.75"	1
250-60005	TSRPI-JB2	TSRP-JB2	Single Gang Junction Box	Ivory	3"	2"	4.75"	1
250-60008	TSRPFW-JB2	TSRP-JB2	Single Gang Junction Box	White	3"	2"	4.75"	1
250-60003	TSRPFW-JBD	TSRP-JBD	Dual Gang Junction Box	Office White	4.91"	1.5"	4.83"	1
250-60006	TSRPI-JBD	TSRP-JBD	Dual Gang Junction Box	Ivory	4.91"	1.5"	4.83"	1
250-60009	TSRPFW-JBD	TSRP-JBD	Dual Gang Junction Box	White	4.91"	1.5"	4.83"	1

Use **Part No.** for ordering and **Type** for specification purposes.
 TSRPX-JBD2 and TSRPX-JB3 are in development. Please contact customer service for availability

TSR and TSRP Surface Raceway Systems

Wire Fill Chart

Wire Type	Wire Size	O.D. of Wire	Low Voltage - TSR						Power Rated - TSRP					
			TSR1 A = 0.220 in ²		TSR2 A = 0.675 in ²		TSR3 A = 1.384 in ²		TSRP 1 A = 0.220 in ²		TSRP 2 A = 0.651 in ²		TSRP3 A = 1.361 in ²	
			Spec	Max	Spec	Max	Spec	Max	Spec	Max	Spec	Max	Spec	Max
Twisted Pair 24 AWG Unshielded	2 Pr.	0.140	5	8	17	26	35	53	5	8	16	25	35	53
	3 Pr.	0.150	4	7	15	22	31	46	4	7	14	22	30	46
	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
	4 Pr. Cat 6A	0.354	0	1	2	4	5	8	0	1	2	3	5	8
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 FA Jacket OFNP	2 Strand	0.175	3	5	11	16	23	34	3	5	10	16	22	33
	4 Strand	0.185	3	4	10	15	20	30	3	4	9	14	20	30
	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
 Note: It is recommended to place electrical cables loosely in raceway