

2 and 3 Channel BaseTrak®

HUBBELL

PolyTrak® Non-Metallic Raceway Systems



Extensive Box Offering:

**2 Channel BaseTrak
2-Gang Flush**



**3 Channel BaseTrak Full
Capacity Boxes 1-, 2- and 3-Gang**



**3 Channel BaseTrak Flush Boxes
1-Gang 2-Gang**



Features:

- Large capacity 2 and 3 channel raceway.
- Snap-on 2 gang flush box.
- New split-cover option.
- Universal 2 and 3 channel fitting design.
- 1 1/4" bend radius fittings for cat. 5, 5e and 6 communication cabling including fiber optics.
- Non-metallic.
- Office white color.

Benefits:

- Maximum capacity for both power and data.
- Easy to install while allowing a neat attractive appearance.
- Allows data or power only accessibility.
- Gives installer and end-user ability to use either 2 channel or 3 channel BaseTrak systems.
- Ensures T-568 compliant bend radius for data cabling. Eliminates miter cutting raceway to covers.
- Impact resistant; non-conductive easy to install.
- Aesthetically pleasing design blends in with any environment.



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Step 1. Choose 2 or 3 Channel BaseTrak (color - office white)

If 2 Channel	5' Trak Catalog Numbers	10' Trak Catalog Numbers	PB2	PB3
2 Channel BaseTrak	PB2B5	PB2B10		
2 Channel Cover	PB2C5	PB2C10		
2 Channel Split Cover	PB2SPL5	PB2SPL10		
2 Channel Wire Clip	PB2WC	PB2WC		
If 3 Channel	5' Trak Catalog Numbers	10' Trak Catalog Numbers		
3 Channel BaseTrak & Cover	PB3BC5	PB3BC10		
3 Channel Wire Clip	PB3WC	PB3WC		

Step 2. Choose Boxes

	 A: 7.70" (195.58mm) B: 4.84" (122.94mm) C: 2.02" (51.30mm)	One Gang Inline		PB3IND
	 PB2IND2G PB3IND2G	Two Gang Inline	PB2IND2G A: 7.66" (194.56mm) B: 4.74" (120.40mm) C: 1.84" (46.74mm)	PB3IND2G A: 7.00" (177.80mm) B: 4.75" (120.65mm) C: 3.22" (81.78mm)
	 A: 4.38" (111.25mm) B: 4.80" (121.92mm) C: 3.17" (80.52mm)	One Gang Full Capacity Raised Inline		PB3FCIB
	 A: 7.20" (182.88mm) B: 4.80" (121.92mm) C: 3.17" (80.52mm)	Two Gang Full Capacity Raised Inline		PB3FCIB2G
	 A: 9.96" (252.98mm) B: 4.80" (121.92mm) C: 3.17" (80.52mm)	Three Gang Full Capacity Raised Inline		PB3FCIB3G

Step 3. Choose Fittings *Cover Only

	 A: 4.36" (110.74mm) B: 4.72" (119.89mm) C: 4.36" (110.74mm)	Internal Elbow Base/Cover	PB3IEBCA	PB3IEBCA PB3IE* * cover only
	 A: 6.48" (164.59mm) B: 4.72" (119.89mm) C: 6.48" (164.59mm)	External Elbow Base/Cover	PB3EEBCA	PB3EEBCA PB3EE* * cover only
	 A: 7.64" (194.66mm) B: 7.64" (194.66mm) C: 1.71" (43.43mm)	Flat Elbow Base/Cover	PB3FEBCA	PB3FEBCA PB3FE* * cover only
	 A: 7.37" (187.20mm) B: 7.08" (179.83mm) C: 2.72" (69.09mm)	Tee Cover Base/Cover	PB3TCBCA	PB3TCBCA
	 A: 1.56" (39.62mm) B: 4.74" (120.40mm) C: 1.69" (42.93mm)	Splice Cover	PB3SC	PB3SC
	 A: 1.50" (38.10mm) B: 6.01" (152.65mm) C: 1.74" (44.20mm)	Safety Cap	PB3SS	PB3SS
	 A: 2.02" (51.31mm) B: 4.68" (118.97mm) C: 1.72" (43.69mm)	End Cap	PB3ECA	PB3ECA
	 A: 4.72" (119.89mm) B: 5.22" (132.70mm) C: 6.30" (160.02mm)	Conduit Adaptor/ Ceiling Fitting	PB3CACFA	PB3CACFA
	 A: 2.22" (56.39mm) B: 5.66" (143.76mm) C: 1.60" (40.64mm)	Surface Panel Connector	PB3SPCA	PB3SPCA
	 A: 3.50" (88.90mm) B: 4.72" (119.89mm) C: 1.73" (43.94mm)	Reducer	PB3REDA	PB3REDA
	 A: 3.22" (81.79mm) B: 7.28" (184.91mm) C: 2.42" (61.47mm)	Transition Fitting		PB3TRBC BTPB3TF* * Transitions BT3 BaseTrak to PB3 BaseTrak.

Step 4. Choose Plates and Outlets

Single Gang Flush "KP" Plates (OW=Office White)

Duplex KP8		StyleLine KP26		Rec. (1.41" ID) KP7		Rec. (1.60" ID) KP720		Toggle KP1	
(2) Coax KP212		(3) Jacks KP2163		Blank KP14		(2) Jacks KP2162		Coax/Jack KP2140	

Single Gang Flush "KP" Plates (OW=Office White)

StyleLine HPS1DOW		Duplex P8DOW		Keystone 2 Port Flush DP12OW		Keystone 3 Port Flush DP13OW		Keystone 4 Port Flush DP14OW		Keystone 6 Port Flush DP16OW	
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Communication Outlets (OW=Office White)

StyleLine Keystone 2 Port FCX244OW		StyleLine Keystone 3 Port FCX344OW		Duplex Keystone 2 Port DJOOW		Duplex Keystone DJ106OW*	
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Plates and Frame Modules (OW=Office White)

Front loading plate will accept any modules in three unit combinations. Available in office white.
Angled fixtures to be used in bottom opening only.

1. Select Frame

KP Module Bezel

KPIBZOW

(Flush mounting in box opening)



Single Gang
Plate Frame

DF1OW

(Sits on top of raceway
box opening)



Double Gang
Plate Frame

DF2OW

(Sits on top of raceway
box opening)



2. Select Modules (in three unit combinations)

Blank Module .5 Unit DFBM05OW		Blank Module 1 Unit DFBM1OW		Blank Module 1.5 Unit DFBM15OW		Keystone 1 Port Flat 1 Unit DF1KOW		Keystone 2 Port Flat 1 Unit DF2KOW	
Keystone 1 Port Angled 1.5 Unit DFA1KOW		Keystone 2 Port Angled 1.5 Unit DFA2KOW		SC 1 Duplex Angled 1.5 Unit DFA1SCOW		SC 2 Duplex Angled 2 Unit DFA2SCOW			

Snap in Connector Fittings (Flush Outlets) and Outlet Plates

Blank (10 pack) SIBOWPK10		F Connector SIFOW		ST Fiber Connector SISTOW		BNC SIBNCOW		RCA Black SIRCAOW	
Super S-Video Black SISVOW		SC Duplex Adaptor SIFSC*		SC to ST Duplex SIFSCST*					

*Use with bezel or plate frame module only.

Communication Outlets (Jacks)

Cat. 5e, Office White T568A, T568B, RJ45 HBL5EOW		Cat.6, Office White T568A, T568B, RJ45 HBL6OW		6 Position USOC, Office White, RJ25 HBLUOW	
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Jack Color Options (Replaces OW Suffix)

OW=Office
White

GY=Gray

BK=Black

W=White

OR=Orange

R=Red

Y=Yellow

B=Blue

GN=Green

El=Elec.Ivory



Technical Data

Wire Fill Capacity

Power Circuits				Telephone				Data (Cooper Products)								Data (62.5/125um Multimode Fiber Optic Cable)						
(THHN/T90 Nylon) O.D.				4-Pair (0.190)		25-Pair (0.500)		Type RG59U (0.242)		Category 5e (0.215)		Category 6 (0.250)		Augmented Category 6* (0.310)		(2) or (4) Fiber Round Cable (0.190)		Fiber Optic Jumpers (0.118)		Fiber Optic Zip Cord (0.12 x 0.26)		
A B C	Channel	14AWG	12AWG	10AWG	40%	60%	40%	60%	40%	60%	40%	60%	40%	60%	40%	60%	40%	60%	40%	60%	40%	60%
	A+B+C	60***	36***	45***	77	117	10	16	47	71	59	90	44	68	28	43	77	117	203	306	92	137
	A or C	42**	30**	28**	25	38	3	5	15	23	19	29	14	22	9	14	25	38	66	99	30	44
A B	B	42**	30**	28**	27	41	4	6	17	25	21	32	16	24	10	15	27	41	71	108	32	49
	A+B	60+	36+	45+	80	120	10	14	48	72	62	92	46	68	28	42	80	120	208	312	94	140
	A or B	42**	30**	28**	40	60	5	7	24	36	31	46	23	34	14	21	40	60	104	156	47	70

+ Total power wiring must not exceed number specified in A+B.

** Maximum power capacity in single channel ONLY.

*** Total power wiring capacity can not exceed number specified in A+B+C. NOTE: 40% capacity is the initial maximum recommended by EIA/TIA-569-A for designing communication cabling systems. 60% fill allowed for additions and approaches maximum fill. All communication wiring capacities should be derated proportionally to the amount the installed connectors restrict the cross-sectional area of the raceway. This is not required when Hubbell's full capacity inline boxes are used.

NOTE: 1. 40% capacity is the maximum recommended by EIA/TIA-569-A for designing new communication cabling systems. 60% allowed for additions and approaches maximum fill.

2. Power wire fill is based on NEC requirements for allowed heat rise.

Physical Properties	Codes / Standards	Plate to BaseTrak Box Compatibility Selection Guide						
(When tested in accordance with UL 5A)	NEC Article 388		PB2IND	PB3IND	2G	PB3FCIB	2G	3G
Impact Resistance . . . 5 ft. lbs.	EIA/TIA. 569A	1 Gang KP	•	•	•	•	•	•
Crush Resistance . . . 300 lbs.	UL Standard UL 5A	1 Gang DP		•		•	•	•
Material Test Criteria . -25.6° to 158° F	Listings E118895 / E119190	HPS1DOW		•		•	•	•
Flame Rating UL94V-0	CSA Standard . . . C22.2 no. 62	P8DOW		•		•	•	•
Material UV Stabilized PVC	Listing LR87514	DF 1 Gang		•		•	•	•
		KPIBZOW	•	•	•	•	•	•

Other Non-Metallic Raceway Available from Hubbell

Trak		5' Base & Cover	5' Base & Cover w/adhesive	7' Base & Cover	7' Base & Cover w/adhesive	10' Base & Cover
Super BaseTrak®		PS3BC5	—	—	—	PS3BC10
BaseTrak® 2 Channel New!		PB2B5 PB2C5 PB2SPL5	—	—	—	PB2B10 PB2C10 PB2SPL10
BaseTrak® 3 Channel		PB3BC5	—	—	—	PB3BC10
WallTrak®		PW2BC5	PW2ABC5	PW2BC7	PW2ABC7	
LANTrak®		PL1BC5	PL1ABC5	PL1BC7	PL1ABC7	
Premise Trak® (Latching)		PP1BC5	PP1ABC5	PP1BC7	PP1ABC7	
Premise Trak 1® (Non-Latching)		PT1BC5	PT1ABC5	PT1BC7	PT1ABC7	
PlugTrak®		PT155112*	5', 5 Duplex Receptacles			
		PT156112*	6', 6 Duplex Receptacles			