

# PL1ABC5 -- LANTRAK® (PL1) Single-Channel, Non-Metallic Raceway with Adhesive, Latching, 5', Office White



POLYTRAK® Non-Metallic Surface Raceway is a complete system that includes raceway, fittings, boxes and devices. Sizes range from single channel PREMISETRAK® to three channel. Super BASETRAK® for all types of surface raceway requirements. Single and two channel latching raceways are dual-rated for both power and data applications, reducing inventory requirements.

Product Specifications	
Raceway	<p style="text-align: center;"><b>PL1</b></p>
Unit Package	50'
Order Quantity	50'
AutoCad Drawing	<a href="#">Click Here</a>
Catalog Page	<a href="#">Click Here</a>
Length	5' with Adhesive

## FEATURES

- Boxes have three cut-aways that can be utilized with WALLTRAK®, LANTrak® and PREMISETRAK® (Latching) systems.
- Eliminates need to order three separate boxes and reducing inventory requirements.
- Boxes available in low, standard and deep profiles.
- Two-gang divided box available for power, data, voice, audio and video applications.
- Boxes utilize Hubbell KP plates or iSTATION™ Modules and Bezels.
- Full capacity in-line boxes eliminate the need to de-rate the wire fill capacity due to the intrusion of devices into the raceway channel.

## SPECIFICATIONS

- Impact Resistance: 5 ft. lbs.
- Crush Resistance: 300 lbs.
- Temperature Range -25.6° to 158°.

- Flame Rating: UL94V-0.
- Material: UV Stabilized PVC.
- EIA/TIA-569A.
- UL Standard UL 5A.
- Listings E118895 / E119190.
- CSA Standard C22.2 no. 62.
- Certified LR87514.

### Non-Metallic 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	Channel Area (sq. in.)	Wire Fill Capacity			40%	40%	40%	40%	40%	40%	40%	40%	40%	40%
<b>PT1</b>	A	0.29	5	8	5	4	1	3	3	2	1	2	4	11	4
<b>PP1</b>	A	0.38	12	11	8	5	1	3	4	3	2	2	5	14	5
<b>PL1</b>	A	1.03	42	34	22	15	3	9	12	8	4	6	15	38	14
<b>PW1</b>	A	0.30	6	10	4	4	0	2	3	2	1	2	4	11	4
<b>PW2</b>	A+B	1.60	41	36	22	23	5	14	18	13	7	10	23	59	22
<b>A B</b>	A	0.81	12	22	12	11	2	7	9	7	3	5	11	30	11
	B	0.79	12	22	10	11	2	7	9	6	3	5	11	29	11
<b>PB2</b>	A+B	5.72	60	36	45	81	17	50	66	47	24	35	81	210	79
<b>A B</b>	A or B	2.86	42	30	28	40	9	25	33	23	12	17	40	105	40
	A+B+C	5.57	60	36	45	79	17	48	64	45	23	34	79	204	77
<b>A B C</b>	A or C	1.80	42	30	28	25	5	16	21	15	7	11	25	66	25
	B	1.97	42	30	28	28	6	17	23	16	8	12	28	72	27
<b>PS3</b>	A+B+C	10.58	72	66	78	150	32	92	122	86	44	64	150	388	147
<b>A B C</b>	A or C	3.41	42	36	42	48	10	30	39	28	14	21	48	125	47
	B	3.76	42	36	42	53	11	33	43	31	16	23	53	138	52

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.

