

115/120V 230/240V

Track Lighting Series



DATA TRACK BACKBONE

GENERAL INFORMATION

DataTrack installations provide flexible power and data distribution to small luminaires for gallery, museum, and retail displays. ETC's DataTrack Backbone expands the range of fixtures that can be used in track applications to include larger fixtures, such as a Source Four LED, for projects with high ceilings or large displays.

Track fixtures mount directly into the DataTrack channel; larger theatrical-style fixtures mount to the top of the Backbone and connect to power and data via a DataTrack pigtail adapter. DataTrack Backbone is compatible with standard Unistrut mounting hardware, for a flexible, robust, and clean installation.

APPLICATIONS

- Museums
- Retail
- Restaurants
- Lobbies
- Ballrooms

FEATURES

- Aluminum extrusion can be supported on up to 10' (305cm) centers with a distributed load capacity of 190lb (86kg)
- Maximum distributed load capacity of 300lb (136kg) when properly supported
- 100lb (45kg) maximum point load
- Available standard in anodized black and white or silver powder coat paint; custom painted colors also available
- Pigtail adapters available to provide power and data connection for fixtures
- Two-year warranty

SPECIFICATIONS

ELECTRICAL

- Supports use with 120V 2-circuit DataTrack and 230V 3-circuit Eutrac
- Supports use with UL and ETL fixtures using pigtail adapters available from ETC
- Supports all DataTrack Feed and Coupler accessories
- Supports conduit feed with appropriate accessories
- 2-circuit DataTrack contains two hots and two neutrals; 3-circuit Eutrac contains three hots and one neutral
- Grounding connection provided through the aluminum track profile
- DMX/RDM built in; supports up to 32 DMX devices per data run; supports up to 20 RDM devices per data run

MECHANICAL

- Backbone constructed from 6061 T6 aluminum finished in black anodizing or white or silver powder coat paint
- Coupler accessories constructed from steel and finished in black, white, or silver powder coat paint
- DataTrack Backbone and Backbone accessories are compatible with all standard DataTrack lengths, feeds and couplers
- Mounts to building structure using standard Unistrut hardware (by others)
- Supports mounting of fixtures with DataTrack or Eutrac track fitting
- Supports mounting of fixtures without DataTrack or Eutrac head using Fixture Hanger Bracket
- Maximum distributed load capacity of 300lb (136kg)
- Maximum point load capacity of 100lb (45kg)

REGULATORY AND COMPLIANCE

- UL and cUL LISTED
- CE compliant



Track Lighting Series

LOAD CAPACITY

Unsupported Span	Maximum Distributed Load	Maximum Point Load (on 18"/45.7cm centers)	Maximum Deflection at Center
24"/61cm	300lb/136kg	100lb/45kg*	<0.05"/0.1cm
36"/91.5cm	300lb/136kg	100lb/45kg*	<0.05"/0.1cm
48"/122cm	300lb/136kg	100lb/45kg*	0.075"/0.2cm
60"/152.5cm	280lb/127kg	100lb/45kg*	0.125"/0.3cm
72"/183cm	260lb/118kg	100lb/45kg*	0.15"/0.4cm
84"/213.5cm	240lb/109kg	75lb/34kg	0.175"/0.4cm
96"/244cm	220lb/100kg	50lb/23kg	0.2"/0.5cm
108"/274.5cm	200lb/91kg	40lb/18kg	0.225"/0.6cm
120"/305cm	190lb/86kg	35lb/16kg	0.25"/0.6cm
> 120"/305cm	NOT RECOMMENDED		

DataTrack within Backbone will support 22lb/ft (32.4kg/m); fixtures must be installed on minimum 12"(30.5cm) centers.

DataTrack Backbone is for suspension mounting only.

For detailed information on installation and layout of DataTrack systems, including track and accessory dimensions, data bus routing for complex configurations, basic troubleshooting and more, please refer to the **DataTrack System Planning and Installation Guide** available to download at:

<http://www.etcconnect.com/Products/Distribution/DataTrack/Documentation.aspx>

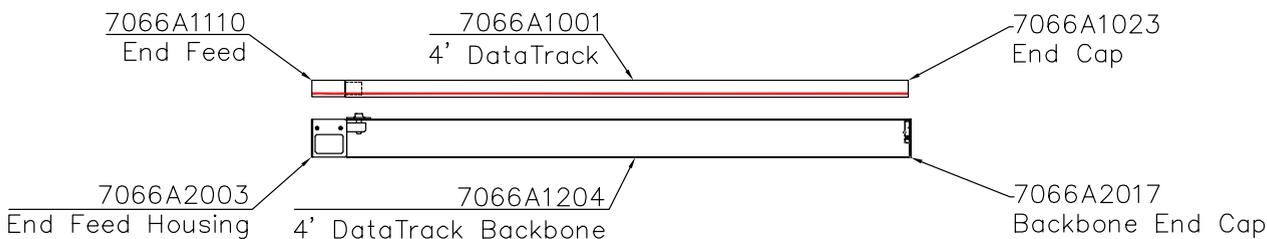
DATATRACK BACKBONE PART NUMBERS

DESCRIPTION	P/N (BLACK)	-1 (WHITE)	-5 (SILVER)
DataTrack Backbone (does not include DataTrack)			
Suspension-mount Backbone, 4ft	7066A1204	•	•
Suspension-mount Backbone, 8ft	7066A1208	•	•
Suspension-mount Backbone, 12ft	7066A1212	•	•
DataTrack Backbone Accessories (do not include DataTrack accessories)			
End Feed Housing	7066A2003	•	•
Mid Feed Housing	7066A2004	•	•
T-Coupler Housing w/ Pull Box	7066A2005	•	•
T-Coupler Housing	7066A2006	•	•
X-Coupler Housing w/ Pull Box	7066A2007	•	•
X-Coupler Housing	7066A2008	•	•
L-coupler Housing w/ Pull Box	7066A2010	•	•
L-coupler Housing	7066A2011	•	•
Fixture Hanger	7066A1201	•	•
Fixture Hanger (Emergency)	7066A1202	•	•
Straight Locking Joint	7066A2012	n/a	n/a
Pigtail Adapter w/ powerCON and 5-pin XLR connectors	7066A1203	•	
End Cap	7066A2017	•	

Custom color options are available; contact ETC.

SAMPLE CONFIGURATION - 4' STRAIGHT SECTION WITH END FEED

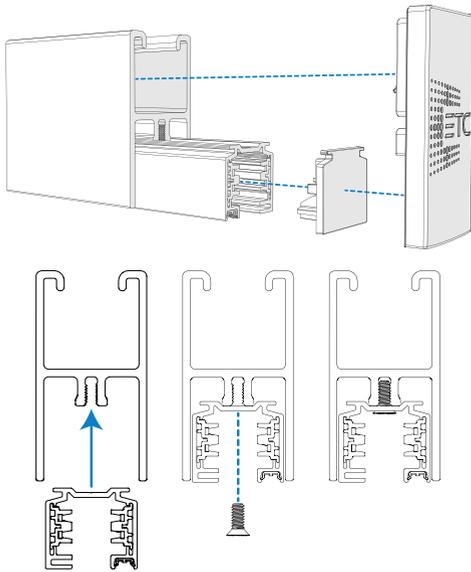
For a complete system the DataTrack and Backbone parts must be purchased separately



Additional configurations available on page 4

DATATRACK INSTALLATION

DataTrack Backbone ships with screws for easy installation of DataTrack using DataTrack's pre-punched mounting holes. .



UNISTRUT MOUNTING

DataTrack Backbone can be suspension mounted using standard Unistrut mounting hardware and accessories.



FIXTURE HANGERS

Fixture hangers mount to the top channel of DataTrack Backbone provide a bolt for mounting fixture yokes when using non-track fixtures with DataTrack..



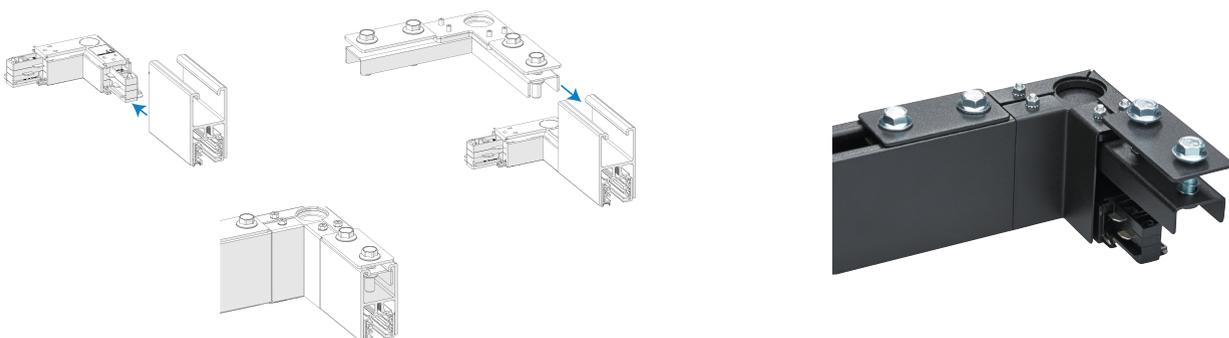
PIGTAIL ADAPTERS

Pigtail adapters provide powerCON and DMX connections on 22" cables for non-track fixtures used with DataTrack.



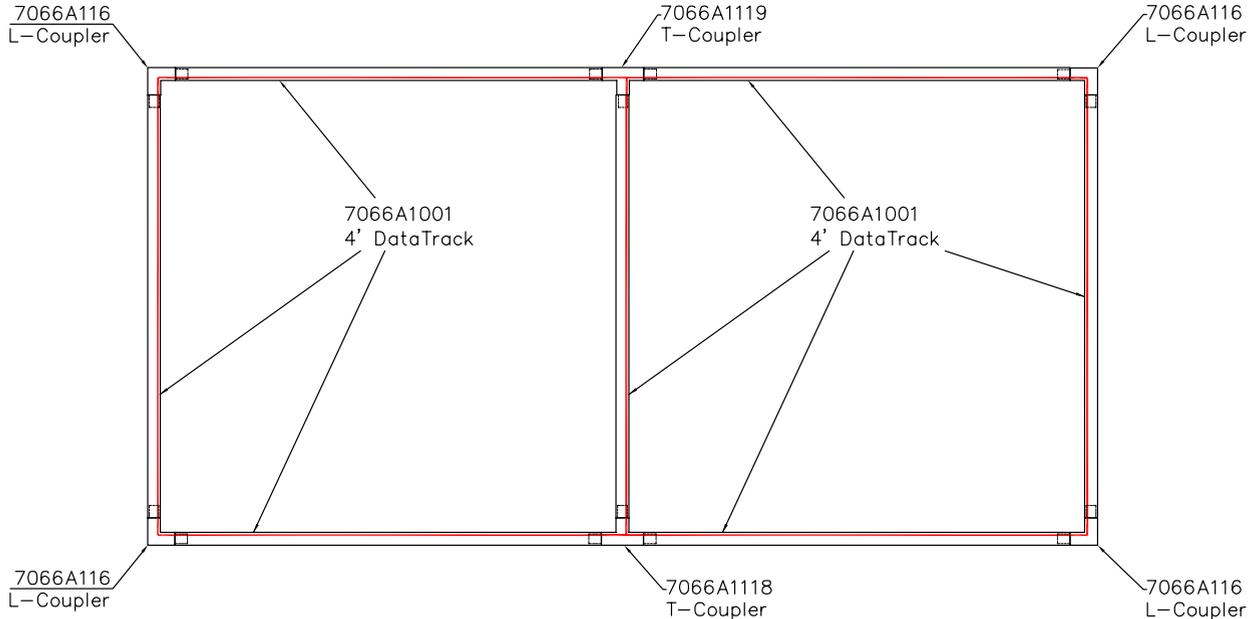
COUPLER HOUSINGS

Coupler housings provide robust support for L-, T-, and X-coupler junctions in a DataTrack system. When bringing power or data into a DataTrack coupler, Backbone coupler housings with pull boxes are available to make conduit connections easier while also providing additional space for service loops.



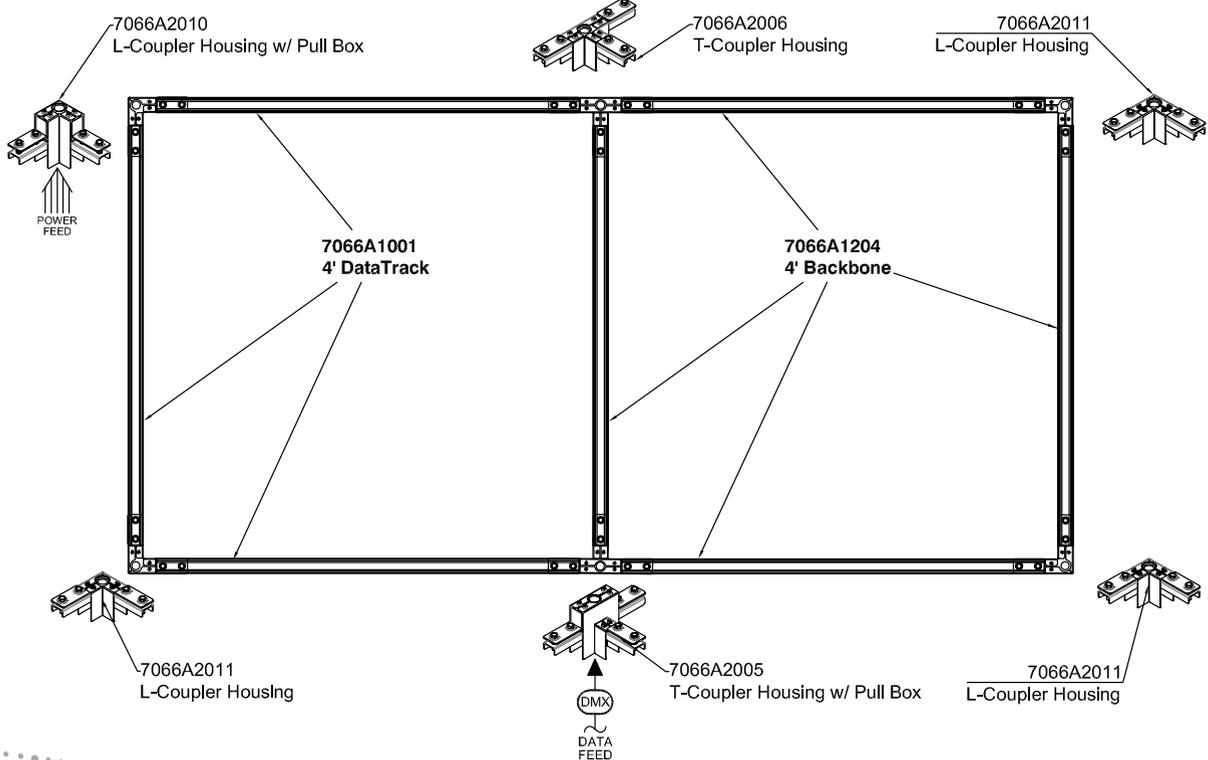
DATATRACK LAYOUT

DataTrack components (Does NOT include Backbone parts)



BACKBONE LAYOUT

Backbone components (Does NOT include DataTrack parts)



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