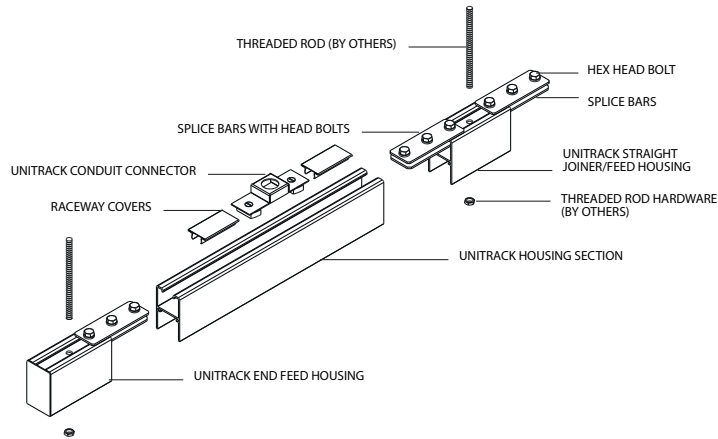


UNITRACK HOUSING • INSTALLATION

General Notes

When installing or using this track system, basic safety precautions should always be followed, including the following: Read all instructions. Do not install this track in damp or wet locations. Do not install any part of the track system less than five feet from floor. Do not install any fixture assembly closer than six inches from any curtain or similar combustible material. Disconnect electrical power before adding to or changing the configuration of the track. Check with a qualified electrician. Do not attempt to energize anything other than lighting track fixtures on the track. To reduce the risk of fire and electric shock, do not attempt to connect power tools, extension cords, appliances and the like to the track. Install per NEC and local codes. Save these instructions.

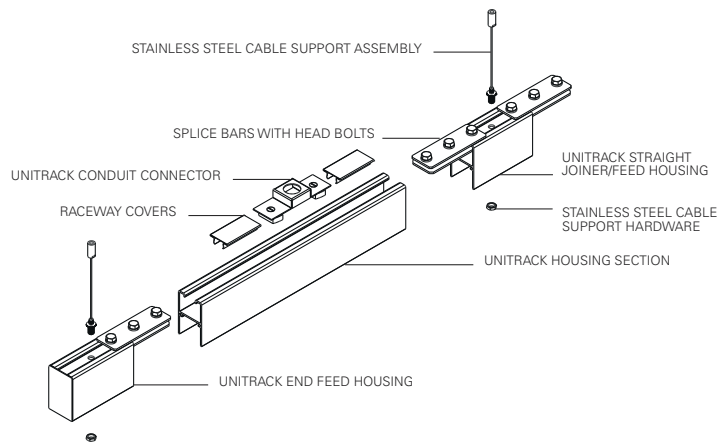


Assembling

Insert End Feed Housing or any Joiner/Feeder Housing completely into UniTrack Housing Section and tighten hex head bolts on the splice bars which align the top of the UniTrack Housings.

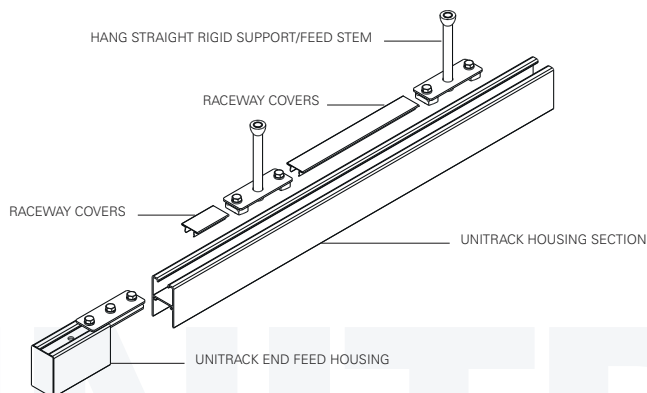
Threaded Rod Mounting

Suspend Housings using 3/8" threaded rod (by others). Threaded rod can be inserted through .406" dia. (10mm) holes provided in all End Feed, End Section, and Joiner Housings or into UniTrack Mounting Kit which can be installed at any point along the UniTrack Housing Section. Note: Non-track compartment of UniTrack™ Housing is compatible with Unistrut P1000™ channel and hardware.



Single Stainless Steel Cable Mounting Kit

Suspend Housings using Single Stainless Steel Cable (ordered separately). The Cable Holders with field cuttable stainless steel cable can be inserted through the .406" dia. (10mm) holes provided in all End Feed, End Section and Joiner Housings or into UniTrack™ Mounting Kit which can be installed at any point along the UniTrack Housing Section. The cable can be easily field cut to adjust height. Note: Non-track compartments of UniTrack Housing is compatible with Unistrut P1000™ channel and hardware.



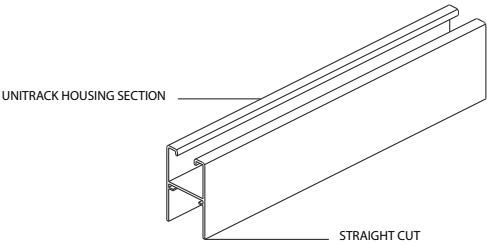
Hang Straight Rigid Support/Feed Stem Mounting Kit

Suspend Housings using 5/8" dia. steel tubing. The Hang Straight Stem can be installed at any point along the UniTrack Housing. The stem is easily field cuttable and has a drill guide sleeve to field drill new hole in stem for steel bow-tie (included). This Hang Straight kit can also be used as a Feed Stem (maximum five (5) #12 THHN wire for two (2) circuit track.) When using this as a Feed Stem, you must use raceway covers. Use Closure Cover Kit to block off a non-feed section. (Not shown).

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Field Cutting

UniTrack Housings can be easily field cut using a sharp hacksaw or a chop saw with a non-ferrous blade. Cut the aluminum housing with one straight cut to match the length of the previously field cut track. Remove any burrs on the aluminum as this may affect the mechanical connection of components to Housings.



Mounting Data

UniTrack Housing System supports can be mounted on 4 foot (1.2m), 8 foot (2.4m) or 12 foot (3.7m) centers, or any location where a Mounting Kit is used. Use the following chart as a guideline for loading requirements. LSI does not recommend mounting centers greater than 12 foot (3.7m). LSI recommends a minimum of two mounting points per section of UniTrack.

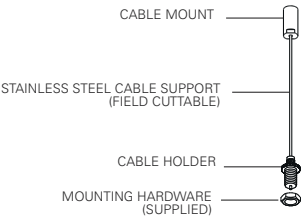
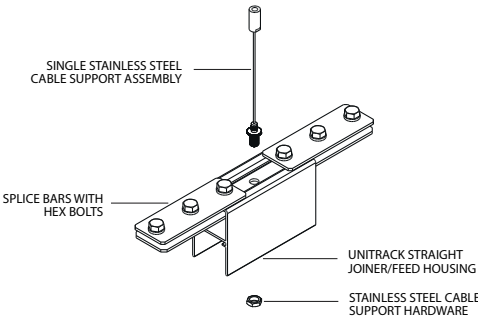
Maximum Uniform Fixture Load per 12' Span of UniTrack

Mounting Centers	4'	8'	12'
Max. Fixture Load	140 lbs	70 lbs.	30 lbs.

Note: UniTrack housing with 2 circuit track is 2 lb./ft.

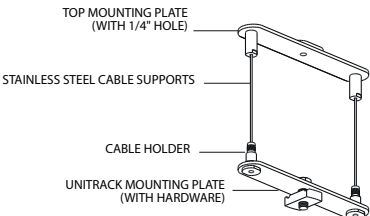
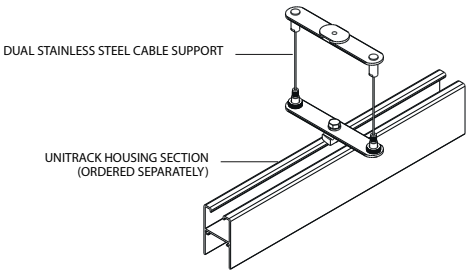
Single Stainless Steel Cable Support Mounting Kit

Do not cut cable prior to assembling. Mount Cable Mount with 1/4-20 hardware (by others), capable of withstanding a 50 lb. pull. Thread the cable through the Cable Mount with ball of Cable bottoming in Cable Mount. Loosen knurled nut on Cable Holder. Thread the cable through the knurled nut and into the Cable Holder and exit out of bottom. Leave excess hanging out of Cable Holder. Tighten knurled nut. Assemble Cable Holder into any Feeder Section of UniTrack. Attach nut and tighten. Once UniTrack has been attached, loosen knurled nut of cable holder and adjust cable to required length. Cut off excess.

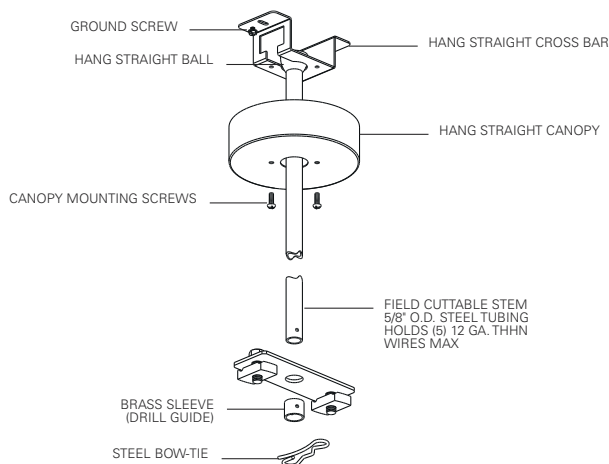


Dual Stainless Steel Cable Support Kit

Use for straight track runs only to prevent track from twisting when fixtures are installed. Do not cut cable prior to assembling. Mount Top Mounting Plate with 1/4" hardware (by others), capable of withstanding a 50 lb. pull. Thread the cable through the Cable Mount with ball of Cable bottoming in Cable Mount. Loosen knurled nut on Cable Holder. Thread the cable through the knurled nut and into the Cable Holder and exit out of bottom. Leave excess hanging out of Cable Holder. Tighten knurled nut. Attach UniTrack Mounting Plate to UniTrack and tighten. Once UniTrack has been attached, loosen knurled nut of cable holder and adjust cable to required length. Cut off excess.

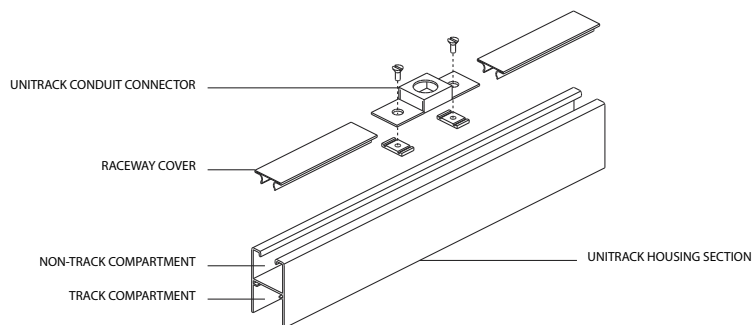


UNITRACK HOUSING • INSTALLATION



Hang Straight Support and Feed Stem Mounting Kit

Feed Stem: Mount hang straight crossbar to junction box in ceiling with hardware (by others) capable of withstanding a 50 lb. pull. To field cut stem, determine the length of the stem desired. Remove steel bow-tie from stem sleeve. Slide sleeve off stem. Separate all components of kit. Cut stem to desired length. Align steel sleeve with end of stem and use as drill guide to drill 3/16" hole, then reassemble. Replace bow-tie and feed wires through stem to six inches (6") beyond hang straight ball. Loosen hang straight ball from stem, this will allow ball to pass through slot on hang straight crossbar. Slide ball through slot, align notch on ball with tab on crossbar. Once in place, turn stem clockwise to tighten in ball. Once Hang Straight Kit is fully assembled and secured, attach UniTrack to UniTrack mounting plate and finish wiring.



Electrical

Non-track compartment can be used for running additional conductors (max. 28 #12 THHN). Install Conduit Connector at any desired location along the UniTrack Housing to accept incoming conductors for energizing track. Conductors are fed through 1/2" or 3/4" UniTrack Conduit Connector and are run to an End Feed Housing or Joiner/Feeder Housing location. Conductors are then run to track End Feed or Joiner/Feeder through pre-punched .812 (20mm) x 2.0 (51mm) slots in Housings and into knock-out in Track End Feed or Joiner/Feeder conduit plate. Raceway covers and/or closure cover kits must be used when running conductors through non-track compartment. Remove the Lexan™ cover from any End Feed or Joiner/Feeder, bring conductors through combination 1/2, 3/4 U.S. trade size knock-out (.875 diameter 22mm, 1.125 diameter 29mm) in conduit plate and attach wires to identified terminal screws.

Additional Circuits

LSI Track has integral wiring channels for six additional #12 THHN wires to create three additional 20 amp circuits with separate neutrals. UniTrack Housings act as raceway covers.

Installing LSI Fixtures

To insert a fixture fitting into the track, the switch must be in the off position, with the handle open. Insert the fixture fitting straight up into the track until it seats evenly, close handle completely, switch on. If using one circuit track, make sure that the brass contacts which protrude from the side of the fixture fittings are inserted facing the copper busbars. If using two circuit track, inserting the fixture fitting in one direction will energize circuit one. Removing and reversing the direction of the fitting will energize circuit two.

