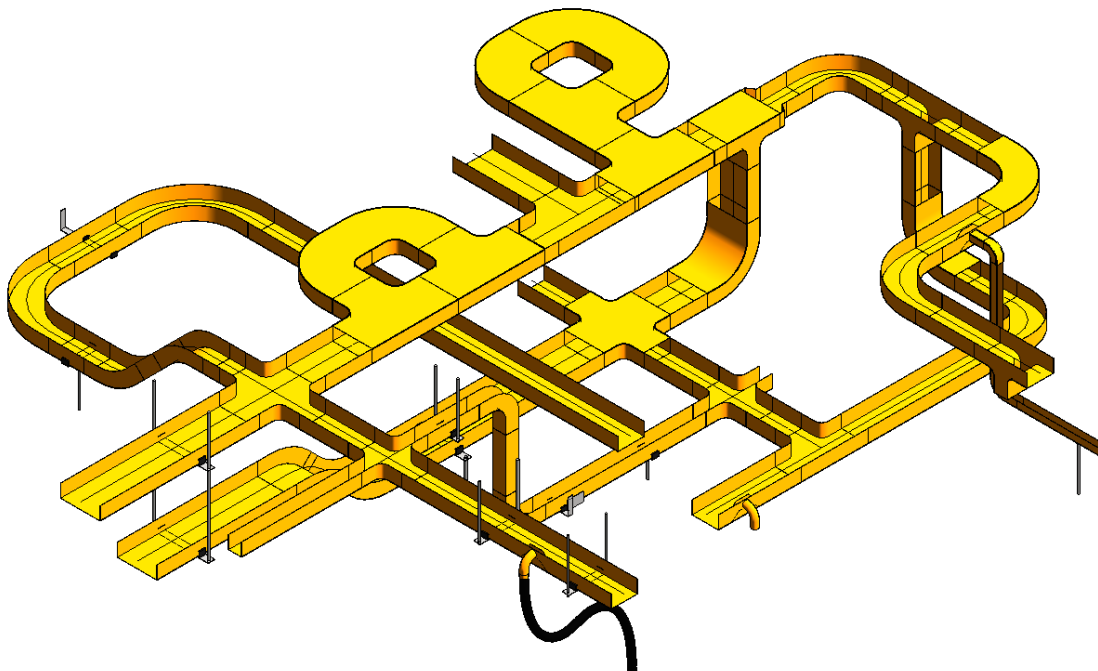


REVIT CONTENT GUIDE

Manufacturer:	Legrand Ortronics
Description:	Fiber Raceway System
Configured System File:	Cable_Tray-Ortronics-Fiber_Raceway-Mighty_Mo.rvt
Type Catalog:	Not Applicable
Rendering file:	Not Applicable
Supporting files:	Bend-Horizontal-Ortronics-Fiber_Raceway-Mighty_Mo.rfa Bend-Vertical_Inside-Ortronics-Fiber_Raceway-Mighty_Mo.rfa Bend-Vertical_Outside-Ortronics-Fiber_Raceway-Mighty_Mo.rfa Cross-Horizontal-Ortronics-Fiber_Raceway-Mighty_Mo.rfa End_Cap-Ortronics-Fiber_Raceway-Mighty_Mo.rfa Reducer-Ortronics-Fiber_Raceway-Mighty_Mo.rfa Storage_Loop-Inline-Ortronics-Fiber_Raceway-Mighty_Mo.rfa Storage_Loop-Offset-Ortronics-Fiber_Raceway-Mighty_Mo.rfa Tee-Horizontal-Ortronics-Fiber_Raceway-Mighty_Mo.rfa Tee-Vertical-Ortronics-Fiber_Raceway-Mighty_Mo.rfa Drop_Off_Kit-Side-Ortronics-For_Duct.rfa Drop_Off_Kit-Side-Ortronics-For_Flexible_Tubing.rfa Mounting_Bracket-Raised-Ortronics.rfa Mounting_Bracket-Suspended-Ortronics.rfa Mounting_Bracket-Wall-Ortronics.rfa Tubing-Flexible-Ortronics.rfa





Loading and placing into your Project:

In Revit, the system tool 'Cable Tray' is by far the fastest method to design a pathway system. Because this product line contains so many different parts; this system file has been configured with the provided system families & fittings to match the Ortronics Tubular Runway product settings and configuration options as close as possible. This enables designers to specify and obtain quantities for their assembly made up of these products without interrupting common cable tray workflow. Designers should note that the geometry of the Revit pathway is as closely representative of the product in every situation as is possible as well as the associated data behind it is. Please note that designers should adhere to the following considerations:

There are 16 supporting .rfa files included in the configured Project file. The file contains Families that represent the Ortronics "Tubular Runway" System. It is recommended that users first copy the entire sample layout in the project file and paste into their own. This will bring all cable tray fittings, system family types and their associated configurations, and accessories into the desired Revit project. Once this is done, the pasted sample layout can then be deleted and your own system drawn with all the necessary components. Additionally, the pre-configured schedule tables can be pasted into a desired project sheet and will automatically transfer scheduling properties unique to this system. Only Ortronics Mighty Mo Fiber Raceway elements should appear in the tables.

When inserting the system, make sure that the sub-categories are visible within the active view by checking their visual graphics settings under the categories "Cable Trays", "Cable Tray Fittings", and "Data Devices". This option might have to be repeated on other views such as the South, North or Floor Plan views. Standard Practice for System Fittings and Runs is to show their geometry in plan views.

Project Behavior:

This family configuration is intended to be used as a traditional Cable Tray System. Once all the associated properties have been copied into your project, part numbers and descriptions will require accurate configuration of width and colors to function.

Instance Parameters:

In the "Instance Parameters", the user can control the following options:

- Equipment Number – For tagging each placed instance.
- Width – For assigning the Width of the Cable Trays selected.
- Height – For assigning the Height of the Cable Trays selected.

Type Parameters:

Each type represents a manufactured product. Therefore, the type parameters should not be modified. Please note:

- Product Documentation Link – Directs a webpage to the products online listing.
- Equipment Abbreviation – For filtering schedules. *See scheduling description below.

The family contains six (6) system types whose values do not need to be modified by the user for standard configuration. Within the type properties dialogue box the user will find useful information in "Fitting" for ease of drawing purposes such as default values for each condition. In "Identity Data" the user will find information specific to Ortronics and the model, i.e.: family revision information, Ortronics copyright information, part description, product URL and other specific data. *See scheduling description below.



Visibility:

For consistent project performance, all fitting model geometry is formatted to the settings of the system runs. In coarse view, only centerlines are visible. In medium, a rectangular profile the same height and width of each fitting is visible. On fine, the Cable Tray and all its typical features are represented as well as the centerline. For maximum usability, all fittings centerlines are assigned the subcategory: Center line.

Rendering:

When the System file is loaded into the project, standard Ortronics materials are imported. These may be modified, though ensure that the modification selection matches an actual manufacturer supplied option. Due to the inherent nature of a revit system family; the straight runs will not be imported into your project with an applied material. To remedy this issue; you can assign "Plastic - Ortronics - Yellow" to the Category "Cable Trays" under Object Styles. Be aware; all parts will configure their part numbers assuming the standard color (yellow) is being used, despite whichever material is applied to them. For special order colors (Black or Orange), Contact Legrand I Ortronics for ordering information.

Scheduling & BOM creation:

Ortronics products may be scheduled utilizing the schedule view in the given project file. Select and copy (**Ctrl-C**) the schedule from the sheet view and paste it (**Ctrl-V**) into a sheet in your project. The schedule filters are set to look for only those units designated with **Manufacturer** as "Legrand I Ortronics" and **Equipment Abbreviation** as "FR", "FRF", and "FRA". The schedules contain special functionality for displaying the configured order numbers of the different selected types. All Counts are calculated to an approximate value and are likely more than is actually required for your assembly. Quantified pieces include:

- Joiners