REVIT CONTENT GUIDE

Manufacturer:	Optical Cable Corporation
File:	Cabinet-Rack_Mounted-Optical_Cable_Corporation-RTS.rfa
Type Catalog:	Not Applicable
Rendering file:	Not Applicable
Schedule file:	Schedule-Cabinet-Rack_Mounted-Optical_Cable_Corporation-RTS.rvt

Instance Properties

Construction	
Has Extended Mounting Brackets*	☐
Dimension	
Depth*	16.490
Height*	6.930
Width*	19.000
Graphics	
Door is Open*	☐
Drawer is Open*	☐
Has Snap Locations*	☑
Identity Data	
Equipment Number*	
Part Description*	Cabinet, Rack Mounted, 4 Rack Unit, Sliding, 12 Adapter Plates, Gray
Part Number*	RTS4U-12APG

Type Properties

The family contains 6 types. These are a few of the types:

    2 RU, Black (Values for this type are shown below)
    1 RU ,Black
    1 RU, Gray
    2 RU, Gray
    4 RU, Black

Adsk Model Properties	
Adapter Quantity*	12
Rack Spaces*	4.000000
Identity Data	
Copyright*	Copyright © Optical Cable Corporation
Date Created*	December 16, 2013
Date Modified*	December 16, 2013
Description	Cabinet, Rack Mounted, 4 Rack Unit, Sliding, 12 Adapter Plates, Gray
Equipment Abbreviation*	PS
Family Version*	1.0.0
Manufacturer	Optical Cable Corporation
Model	RTS4U-12APG

Identity Data	
Model Disclaimer*	Contact Optical Cable Corporation for more information
Product Documentation Link*	
Product Page URL*	www.occfiber.com/products/RTS4U-12APG
Provide Feedback*	https://www.surveymonkey.com/s/H7GGN99
URL	http://www.occfiber.com/main/index.php
Materials	
Product Material*	Steel - OCC - Powder Coated Gray

Halftone text in the property tables indicates that the value is locked from editing.
*Indicates Shared Parameter and can be scheduled

Loading and Placing into the Project

One "Data Device" family is supplied and may be loaded into Revit through all traditional methods. Using the visibility settings of the view that is intended for placement ensure that the Data Devices category is visible.

The Cabinet is intended for use with data rack products that have standard 19 inch mounting rails. The "Has Extended Brackets" instance parameter may be selected to change the mounting size to 23". Once placed the Cabinet has snap locations for fiber components. The components are into the cabinet using the included "Has Snap Locations" parameter. Ensure that this parameter is turned on and use the Snap Locations to align the products inside of Revit.

Project Behavior

Within the type and instance properties dialogues the user will find useful information for scheduling purposes such as Height, Width, Depth, Rack Spaces, and other unique properties to the Cabinet. In the "Identity Data" parameter category the user will find information specific to Optical Cable Corporation and the model such as copyright information, part description, part number, product page URL, and other information to further define the family.

Once the Cabinet has been placed on a data rack in a project it will use the rack as its host and move with it in the project environment. Once a product has been fully populated the "Has Snap Locations" parameter may be turned off without affecting the Adapter Plates placed on it. For ease in placement of Adapter Plates, the product's door may be turned on or off to access the internal components.

The Cabinet is set to change with detail levels in the project it is placed in. The mounting brackets represented on the product will change from a simple representation in Coarse or Medium to a more defined shape in Fine detail level. There is no change between Coarse and Medium detail levels.

Instance Parameter

In the "Instance Parameters" of the model the user has the following options to modify:

Has Snap Locations – Determines whether or not the Snap Locations on the product are active and visible. Default condition is on.
Door is Open – Determines whether or not the door on the product is open or closed. Default position is closed. Opening the door make Faceplate placement easier.
Has Extended Mounting Brackets – Determines whether the product has Extended Mounting Brackets, designed to mount the product on racks with 23" Mounting Rails. Default condition is off.

The Cabinet's Part Number and Part Description will be visible in the Properties Dialogue when the product is selected for easy referencing.

Type Parameter

Because the Cabinet represents a manufactured product the type parameters within the family should not be modified for Standard configuration. Please note:

Product Page URL – Directs to the manufacturer's online listing of the product
Product Documentation Link – Directs to the product's online specification sheet
Equipment Abbreviation – This parameter exists for filtering schedules. * See scheduling description below
Family Version – Lists the current revision number of the family

Visibility

For best performance within a project all model geometry is turned off in Plan View when placed in the product's intended orientation. It is then represented by a masking region that will be visible on the product it is placed in. For ease of use all geometry is assigned to the category Data Devices.

Rendering

When the family is loaded into a project standard Optical Cable Corporation materials are imported. The materials may be modified, though ensure that the modified selection matches an actual manufacturer supplied option.

Schedule Creation

Optical Cable Corporation products may be scheduled utilizing the schedule view in the provided 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 families with Manufacturer as "Optical Cable Corporation" and Equipment Abbreviation as "PS".