

Intersection Frame

The compact 1RU Avenue Intersection Frame is high density and holds ten fiber-optic modules. This frame can be used in conjunction with the Avenue 3RU Frame or can be used as an independent optical product, depending on the application.

The front of the frame has LED status indication for power, input signal presence and laser fault. The rear of the frame has one ethernet connector and two AveNet connectors for the Avenue control interface.

The 3710 or 3750 IS electrical-to-optical module or the 3720 or 3760 IS optical-to-electrical module can be used in the Intersection frame. BNCs and SC optical connector are on the modules, not on the frame. Modules plug into the frame from the rear.

Avenue Intersection Frame



Features

- » Use with Optical/Electrical Converter modules
- » Use with 3 Gb/s, HD and SD modules
- » Optional System Control module provides AveNet and ethernet interface
- » Use independently or tie to an Avenue 3RU frame for control
- » SNMP monitoring and control
- » Complete, integrated solution for using optical and electrical signals in the same facility

Integration

The Avenue Intersection Frame can be controlled in conjunction with a matched Avenue 3RU frame or it can be controlled as an independent fiber-optic I/O unit.

The Avenue Intersection Frame includes a 5070 system control module option that enables the frame to tie into the Avenue control system, just like any other frame or control surface. The Avenue Intersection Frame appears as its "own" entity in the Avenue Control System. Control and status in the optical frame are presented to the user through the existing Avenue Control System, through Avenue PC or an Avenue Control Panel.

The Avenue Intersection Frame can also be matched to the modules in an Avenue 3RU Frame through the control system. This matching provides superior integration, allowing the customer to look at a signal path without concern for the use of both frames. For example, a signal might pass through an 8500 converter and frame sync and then through the 3710 electrical to optical converter. This signal could be viewed from one set of menus through Avenue PC or an Avenue Control Panel.

Redundant power is optional and there are two AC line connectors. Redundant power part number is 5065.

Avenue Intersection Frame Dimensions and Architecture

Frame Dimensions:	Height	Width	Depth	Weight (no modules)
1RU	1.75"/44.5 mm	19"/482.6 mm	15.1"/383.6 mm	11 lbs/5 kg

Part Number: ISFRM

Power required: 50 watt maximum

