

Overview

P3Link is a preterminated optical fiber cabling solution designed to speed up the process of deploying a fiber optic system. Using MTP[®] connectors and Ribbon Fiber Cables, all components are preterminated and tested. Since the system components simply plug together, an optical cabling system can be installed and operational in a fraction of the time and cost compared to conventional field installation practices.

A P3Link system is comprised of 3 components:

1. Ribbon backbone cables preterminated with high density MTP[®] connectors with a pulling eye attached.
2. P3link cassette modules that plug into the backbone cables and distribute fibers to standard interfaces like MT-RJ, SC, LC and others.
3. Wall or rack mount patch panels that house the backbone cables and system cassette modules.

Applications

- Data Centers
- Storage Area Networks (SAN)
- Local Area Networks (LAN)

Features / Benefits

- No special training or tools required
- No cable preparation or field connectorization required
- Time-saving, low cost installation
- Factory installed and 100% tested and certified
- Wide selection of fibers, cable types, and connectors
- High density system modules are scalable



24- high density LC cassette module



36-fiber MTP[®] backbone cable



288-fiber, 4U rack mount patch panel

Trunk/Backbone Cables

Overview

P3Link trunk ribbon cables are factory terminated with 12 fiber MTP® connectors. These high density, small form factor connectors make pulling preterminated cables in ducts and conduits simple and easy. Because P3Link trunks/backbones are preterminated, cable preparation and termination are eliminated, cutting up to 70% of installation time. All cables are 100% optically tested and certified and come with a pulling eye installed. Deploying a fiber optic cabling system is fast and easy with a P3Link system.

Trunk/backbone cables are available from 12-72 fibers in Singlemode, multimode 62.5/125, standard performance multimode 50/125 and 10Gbps laser enhanced 50/125. Cable designs are available to meet any installation requirement including:



Multimode, Singlemode, and 10Gbps cables

Indoor Premise Cables: For indoor premise installations that meet UL plenum(OFNP) and riser(OFNR) requirements.

Indoor/Outdoor Cables: UL Plenum or riser listed cables that are water blocked for outdoor installations and can be run directly indoors beyond the 50 foot transition point.

LSZH Premise Cables: Non-toxic, non-corrosive Low Smoke Zero Halogen indoor cables for special installations.

Interlocked Armor Cables: For industrial indoor installations requiring extra protection or for mission critical applications.



36-fiber cable with pulling eye

Cassette Modules

Overview

P3Link Cassette Modules serve as the transition point from MTP[®] terminated trunks/backbones to one or two fiber adapter ports. The front side (equipment side) of the module contains industry standard interfaces for patching to active devices. The rear (cabling side) contains MTP interfaces for connecting to the trunk/backbone cabling system. An optical assembly inside the cassette housing interconnects the rear and front ports. You simply plug the backbone cable into the rear of the cassette and plug patch cords from your equipment into the front of the cassette and your fiber optic system is operational.

P3Link cassette modules are available with 12 or 24 ports and come in wide array of industry standard interfaces such as LC, SC, MTRJ and others. They are 100% optically tested and factory certified. P3Link cassette modules can be mounted in any FOnetworks rack (FBC series) or wall (WMP series) mount patch panel. Their compact design allows for up to 72 fibers in a 1U rack space.

Patch Panel Enclosures

P3Link cassette modules can be mounted in any FOnetworks rack (FBC series) or wall (WMP series) mount patch panel. They protect, organize, and cable manage cables and cassette modules. Each cabinet provides for multiple cable entry and exit; easy access to cassettes from the front and rear; bend radius management for incoming cables and outgoing patch cords.

Rack mount panels are available in 1U, 2U, and 4U rack units and can hold from 1 to 12 P3Link cassettes. They can be mounted in 19" and 23" racks.

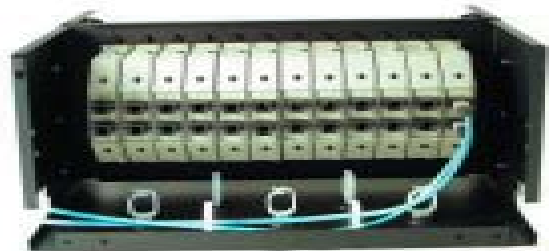
Wall mount panels are designed to be surface mounted in areas where space is limited. They have multiple entry exit options and are lockable.



24-port cassette (rear view)



24 port LC cassette



288-fiber, 4U rack mount patch panel (rear view)