

1U HD Modular Panel System

An innovative, high density patch panel. Designed to accommodate up to 120 connections within a 1U panel. These are split between 5 individual modules with up to 24 fibres within each.

Each module accepts incoming fibre from either MTP trunk cables or via pre-terminated assemblies. Pre-terminated cables are available as either ruggedised breakout cable or distribution cable. Another alternative for cable entry is the patented Optronics FirstLight Prime breakout module, capable of being pulled over long distances and connecting directly to equipment.

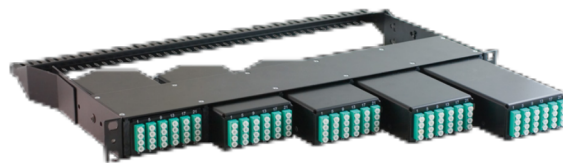
Incoming cable can also be supplied un-terminated for splicing within a standard patch panel.

Modules can enter the panel from the front or the rear. Each is supplied with a separate labelling card for ease of channel identification. Cable entry is managed via a retrofit management bar allowing entry from either the left or the right hand side.

Exiting patch cords are managed by a retrofit bracket allowing cables to be routed in any direction.

Also available is a 3U system incorporating all of the above but with the addition of a removable door allowing complete access to all relevant components.

Second to this we are pleased to offer a 0U solution designed to accommodate sufficient MTP connectivity to support an individual blade per module. This is managed via a 96 fibre trunk cable directly terminated to 8 MTP connectors within the module and the choice of MTP or discrete connectors at the opposing end.



Features

- Modular Connection System
- High Density- scaling up to 120 discreet connectors and up to 720 fibres within MTP interface
- Up to 24 discrete or 144 (MTP) fibres connections a single module
- Cable entry via either MTP connection or pre-terminated assemblies
- Pre-loaded in the factory to guarantee performance
- Can be supplied with pre-terminated pigtails for splicing on the opposite end
- Can be supplied with a module at one end and ruggedised tails for direct connection to equipment at the opposing end
- Can be supplied with a module at one end and 900µm tails for connection within a standard patchpanel at the opposing end
- 5 individual modules per panel
- Module entry from front or rear
- Rear cable management
- Retrofit patchcord exit management
- Separate labelling cards
- RoHS, REACH SvHC and UL rated
- Fits standard 19" or ETSI rack

Applications

- Data centres, premise installations, telecommunication networks
- Ethernet, Fibre Channel, ATM, LAN, MAN and WAN
- Data communication networks
- Indoor applications

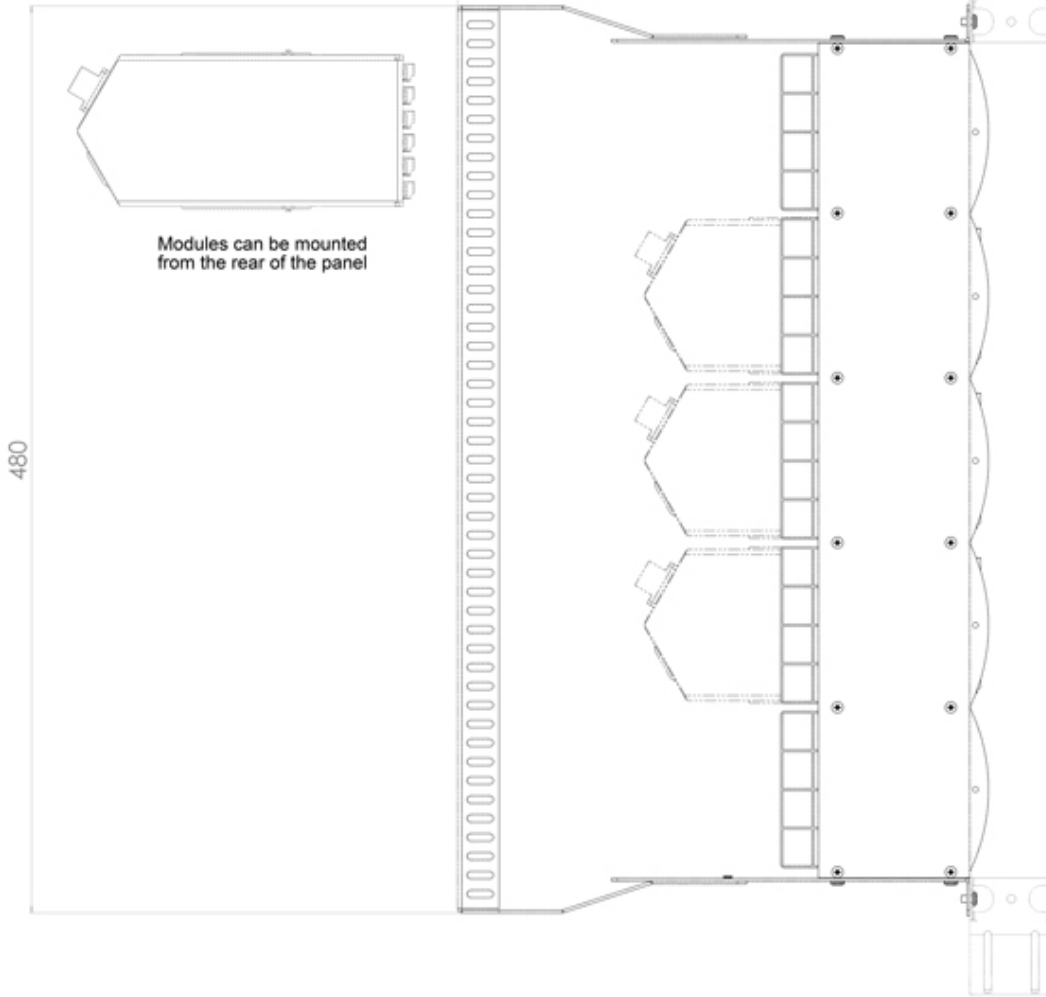
Specification

PARAMETER	MEASUREMENT	CONFORMANCE
Dimensions (mm)	482 x 311 x 44 (recessed)	
Weight	3.0 Kg	
Operating Temperature	-25 to +70°C, 12 cycle	IEC 61300-2-22

Ordering Information

DESCRIPTION	PART NUMBER
High Density Modular Panel (unloaded)	HD1UCHASSIS

272



Modules can be mounted from the rear of the panel



Modules can be mounted from the front of the panel