

# CoreLink EHD MTP® Enclosure System



The CoreLink EHD Enhanced High Density MTP® Cabling system is a complete plug and play solution for fibre networks. Offering end to end connectivity in industry leading density and functionality.

OSA offers the range of CoreLink EHD compatible enclosures and cassettes in 144 fibre and 96 fibre per 1RU configurations.

Combined with the full range of OSAMTP® cable options including flat and angle polish, OM1, OM3, OM4 & SM, single or double jacket, high fibre trunking and fanout assemblies, the CoreLink EHD cabling system offers an excellent solution for a wide range of networking requirements.



## KEY FEATURES

- Industry leading 144 fibre or 96 fibre 1RU enclosure options
- All CoreLink EHD enclosures, cassettes and cabling are compatible and require no management of specific cassette styles to match enclosure
- MTP® cassettes offer port labeling and mode identification in a compact 12 fibre package
- Excellent scalability, fill capacity 12 fibres at a time as required
- All CoreLink EHD cassettes, fan- outs and trunks utilise US Conec brand MTP® elite\* connectors and adapters
- Individual sliding trays for each row of cassettes offers excellent finger access and minimises disturbance of neighbouring circuits
- Fibre management of incoming trunks and outgoing patchleads
- In-built hinged patch lead protective cover and labelling template

## Applications

- Data centre networks
- SAN, LAN and WAN networks
- Enterprise plug and play connectivity
- High fibre compact trunking
- Telecommunications exchange fibre networks
- Fibre to the antenna
- Cross connects & distribution frames



# Technical Specifications (Enclosures)

Part Number	OSA-1RU-EHD- S	OSA-1RU-EHD- S8
Description	CoreLink EHD 1RU 12 Port Sliding Enclosure - 144f Capacity	CoreLink EHD 1RU 8 Port Sliding Enclosure - 96f Capacity
Size WxHxD (mm)	485 x44x350	485 x88x350
Weight unit (kg)	4.2	3.8
Cassette/panel capacity	12 EHD Cassettes or Adapter Panels	8 EHD Cassettes or Adapter Panels 2 individual sliding trays supporting 4 cassettes each
Port capacity (fibre count)	144fibre LCQ, 576fibre MTP®12, 1152 fibre MTP®24	96fibre LCQ, 384 fibre MTP®12, 768 fibre MTP®24
Cable entry bracket	Included cable management tie down bar - detachable	Included cable management tie down bar - detachable
Material and colour	Charcoal grey powdercoated - Rugged 1.2, 1.6 & 2.0mm steel and aluminium construction	
Standard unloaded enclosure		
Standard accessories	Each rack mount enclosure comes packaged with: 4 cage nuts, screws and washes, Velcro length,4 cable ties, cable tie down bar & fibre management clips	



Integrated hinged cover offers patch lead protection, eye protection and labelling template all with a simple latching operation



Individual sliding trays for each row of cassettes allow for simple patching, cassette insertion and removal and unparalleled finger access







Clear port labelling, excellent fibre routing, excellent finger access and simple patch lead retention without the need for specialised patch leads



Easily accessible MTP connectors and convenient rear management tray - perfectly suited to both two post racks and server cabinets

## Technical Specifications (Cassettes)

Featuring a simple slide in retention feature and compact size, all CoreLink EHD cassettes are cross compatible with all CoreLink EHD enclosures. Available in multimode and singlemode, each cassette is clearly labelled with the wiring method and mode, in addition colour coded adapters offer excellent mode visibility. Compact and easy to handle, allowing for a cost effective scaling of density as required.

CoreLink EHD 12 Fibre MTP to LC Cassettes				
Part Number	EHD-12MTPMLCQ-M1(x)	EHD-12MTPMLCQ-M3(x)	EHD-12MTPMLCQ-M4(x)	EHD-12MTPMLCQ-S(x)
Description	CoreLink EHD MTP® Cassette: 12F Male MTP to LCQ, OM1 - Method A, B or C	CoreLink EHD MTP® Cassette: 12F Male MTP to LCQ, OM3 - Method A, B or C	CoreLink EHD MTP® Cassette: 12F Male MTP to LCQ, OM4 - Method A, B or C	CoreLink EHD MTP® Cassette: 12F Male MTP to LCQ, SM - Method A, B or C
Size WxHxD (mm)	95 x 12 x 145	95 x 12 x 145	95 x 12 x 145	95 x 12 x 145
Weight unit (kg)	0.1	0.1	0.1	0.1
Standard Cassette				



### NSW - Silverwater

Unit 4, 52 Holker Street  
Silverwater NSW 2128

E: [sales@opticalsolutions.com.au](mailto:sales@opticalsolutions.com.au)

P: +61 2 9395 1400

F: +61 2 9647 0014

### NSW - Sydney City

Unit 10, 10 Bradford Street  
Alexandria NSW 2155

E: [sydcity@opticalsolutions.com.au](mailto:sydcity@opticalsolutions.com.au)

P: +61 2 9304 4555

F: +61 2 9700 8055

### VIC

Unit 3 / 1 Rocklea Drive  
Port Melbourne VIC 3207

E: [vicsales@opticalsolutions.com.au](mailto:vicsales@opticalsolutions.com.au)

P: +61 3 9646 4166

F: +61 3 9646 4155

### QLD

Unit 2/ 40 Borthwick Ave  
Murarrie QLD 4172

E: [qldsales@opticalsolutions.com.au](mailto:qldsales@opticalsolutions.com.au)

P: +61 7 3399 5280

F: +61 7 3399 9805

### ACT

22 Isa Street  
Fyshwick ACT 2609

E: [actsales@opticalsolutions.com.au](mailto:actsales@opticalsolutions.com.au)

P: +61 2 6162 4600

F: +61 2 6162 4605

### WA

28a Teddington Rd  
Burswood WA 6100

E: [wasaes@opticalsolutions.com.au](mailto:wasaes@opticalsolutions.com.au)

P: +61 8 9361 7000

F: +61 8 9361 7011