

Product overview

Giganet High Density MPO/MTP to LC breakout Patch Panel offers an expandable deployment, for implementations in 40G/100G networks, in the meantime, providing greater protection to the installed patch cords in main, horizontal and equipment area of data center. Up to 144 Fibers in only 1U space.

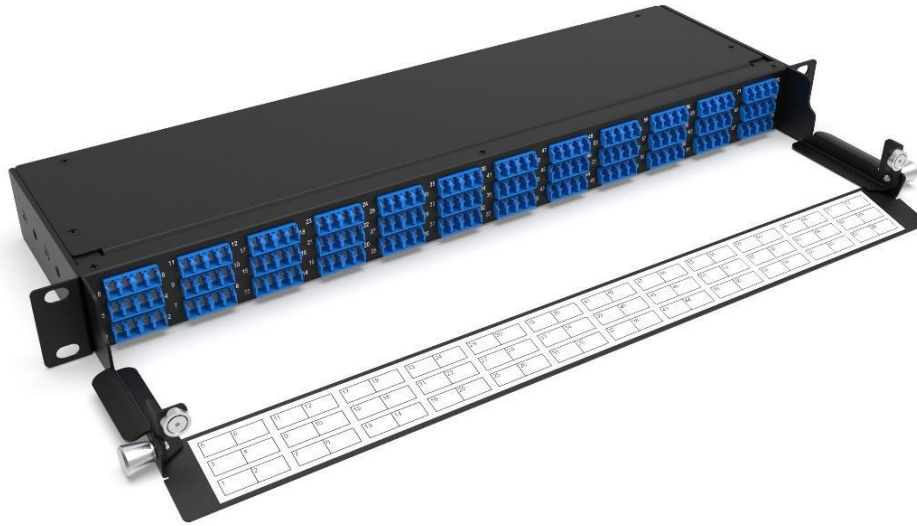


Figure 1.
 Giganet 1U HD MTP/MPO-LC Breakout Patch Panel

Product Features and Applications

FEATURES

Standard 19" size, can be rack-mounted
Available in standard SM and MM options
Available with Premium MTP/MPO and Premium LC connector only
RoHS, Reach and SvHC compliant
Compliant with IEC, TIA/EIA standards

APPLICATIONS

Datacenter & Enterprise network
Indoor Application
Telecommunication central office

Product Specification

SPECIFICATION	
Parameters	Unit
Material	Metal cold rolled with black powder coating
Max Fiber Capacity	144F MPO-LC in 1U
Dimension	490 x 303 x 44mm
Insertion loss – MPO(male) Premium	SM – 0.35 dB; MM – 0.35 dB
Insertion loss – LC premium	SM – 0.15 dB; MM – 0.15 dB
Return Loss – MPO(male) Premium	SM >60 dB; MM – NA
Return loss – LC premium	SM (PC/APC) >55/65 dB; MM – NA

DESIGN HARDWARE	
Opening Type	Fixed
Access Type	Front access
Front Cable Management	Removable hinged door
Cable Entry Direction	Rear
Rear Cable Management	Support bar
Front Adapter Type	LC Duplex
Rear Adapter Type	MTP/MPO Male (pinned)
Fibre Capacity	Up to 144 in LC
Fibre Mapping	Polarity A/C

Technical Drawing

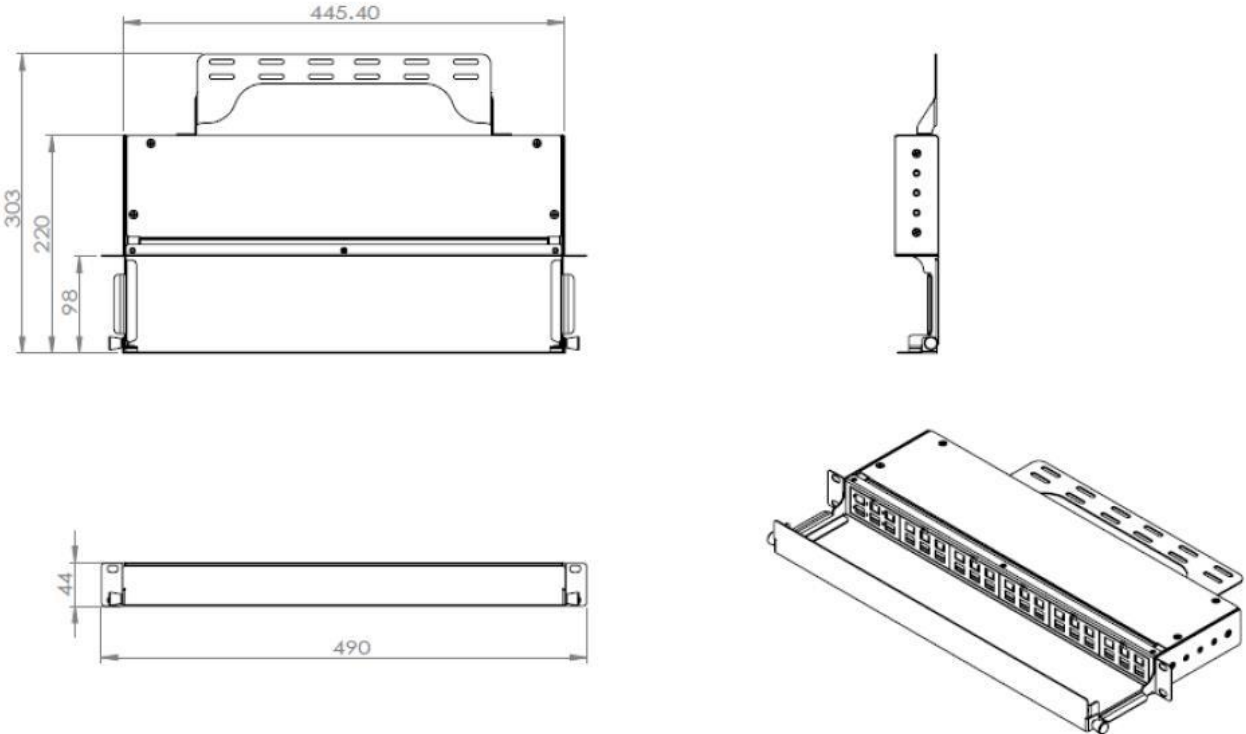


Figure 2.
 Giganet 1U HD MTP/MPO-LC Breakout Patch Panel Technical Drawing

Ordering Information

GN-HD-1BPX-2-3								
GN-HD-	1	ADAPTER TYPE	X	Base	2	FIBRE MODE	3	NO OF FIBRES
	MP	MPO	8	Base 8	A2	657A2	72	72 FIBRES
	MT	MTP	12	Base 12	OM4	OM4 MULTIMODE	96	96 FIBRES
			24	Base 24			144	144 FIBRES
	Part Number			Product Description				
e.g.	GN-HD-MTBP24-OM4-144			Giganet MTP to LC Breakout HD Panel, MTP(m)- LC 144F, MM, OM4, plo A/C Base24				