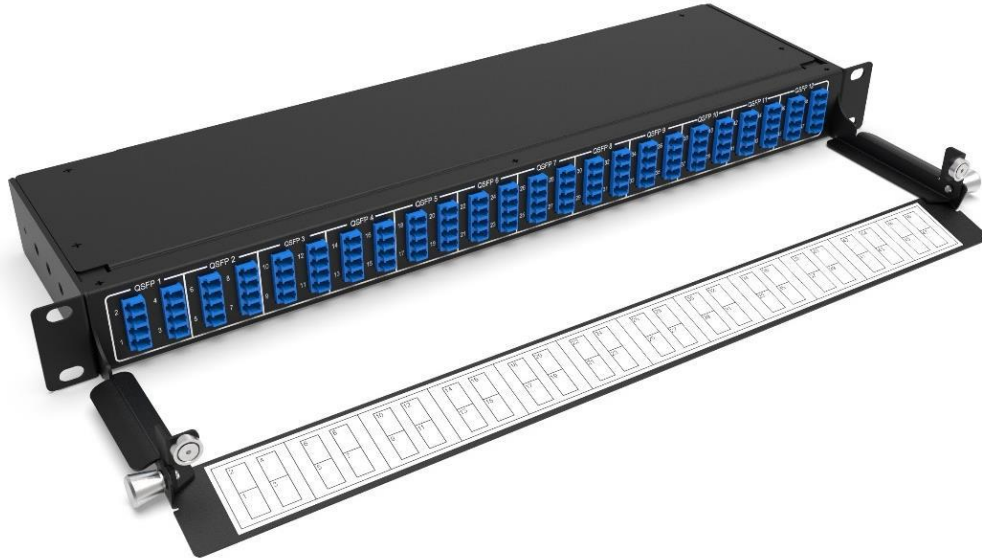


## Product overview

Gigaset High Density 96 Fibers 1U Breakout Fiber Patch Panel is designed to connect 40G QSFP ports with MTP/MPO fiber cables, mapping to the back of the panel, then breaking out as 48x 10G on the front panel with LC fiber cables. All breakout panels meet the requirements of TIA/EIA, IEC standards.



*Figure 1.*  
 Gigaset 1U HD MTP/MPO-LC QSFP Breakout Patch Panel

## Product Features and Applications

### FEATURES

Up to 96FO with LC and 12 MTP/MPO(Male) Premium connections on the back
Fixed panel with adjustable side brackets
Easy front and rear access
Flat and Angle option available

### APPLICATIONS

Datacenter & Enterprise network
Indoor Application
Implementation in 40G/100G Networks

## Product Specification

GENERAL SPECIFICATION	
Mounting Type	Rack 19"
Height Unit	1U
Material	Cold rolled steel & Stainless Steel
Housing Color	Black
Application	Indoor IP20
Dimensions (W x D x H in MM)	445.4 x 303 x 44
Net Weight	4KG
Operating Temperature	-20~+60°C

DESIGN HARDWARE	
Opening Type	Fixed
Front Cable Management	Removable front door
Cable Entry Direction	Rear
Rear Cable Management	Cable Manager
Fibre Capacity	12 MTP/MPO Male on the rear and 96F LC in the front

PERFORMANCE					
Parameters	Units	SM MPO	SM LC/SC	MM MPO	MM LC/SC
Avg/Max IL- Premium in dB	dB	≤ 0.10/0.35	≤ 0.12/0.15	≤ 0.10/0.35	≤ 0.12/0.15
Return loss (PC/APC)	dB	≥ 60	≥ 60	NA	NA

**Technical Drawing**

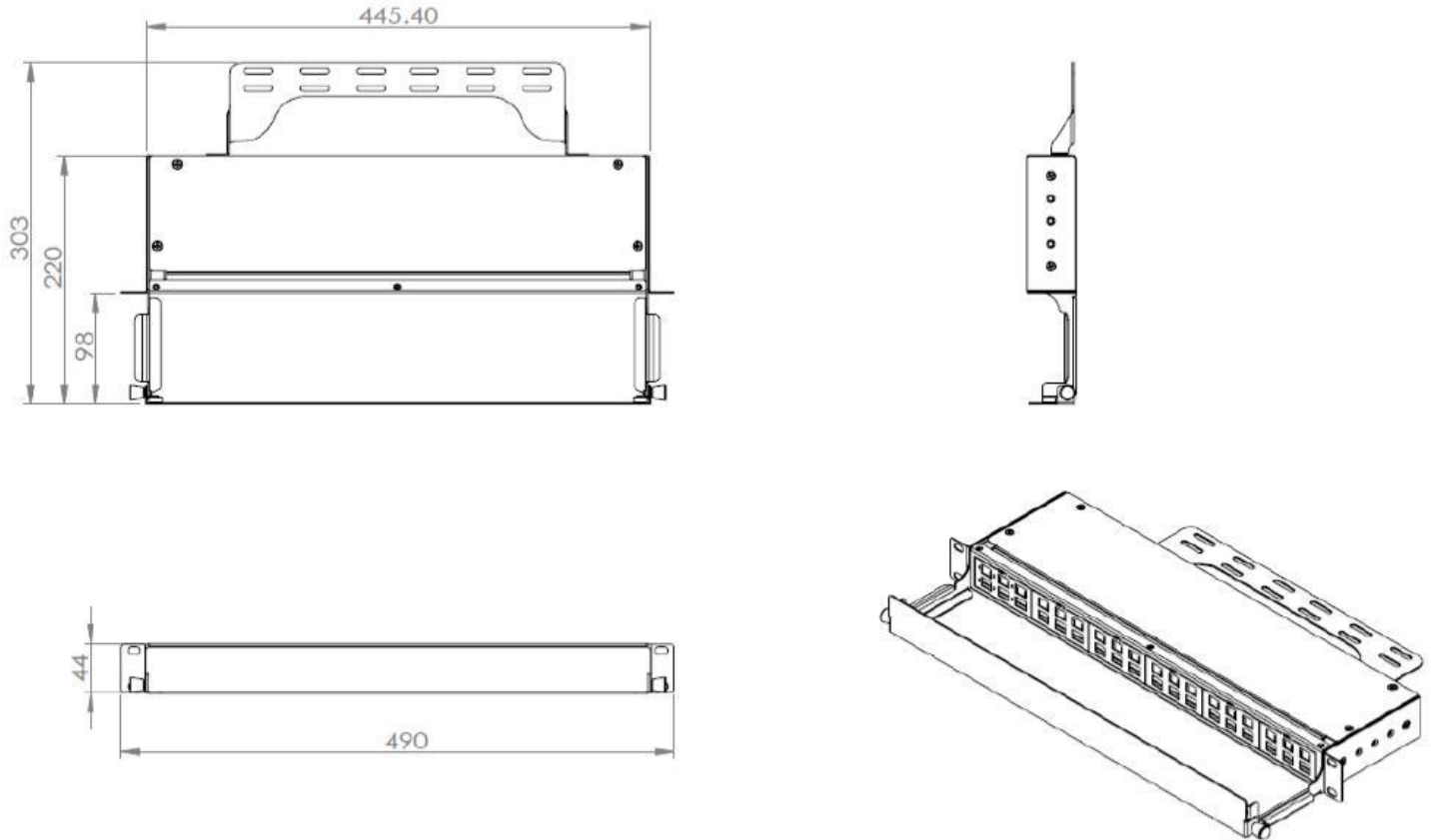


Figure 2.  
 Giganet 1U HD MTP/MPO-LC QSFP Breakout Patch Panel Technical Drawing

**Ordering Information**

Part Number	Product Description
GN-HD-QBP-SM	Giganet 1u, 96F , QSFP, Breakout Flat Panel 12x MPO(m)- LC, Single mode OS2,base-8
GN-HD-QBP-MM	Giganet 1u, 96F , QSFP, Breakout Flat Panel 12x MPO(m)- LC, Multimode OM4, base-8
GN-HD-QBT-SM	Giganet 1u, 96F , QSFP, Breakout Flat Panel 12x MTP(m)- LC, Single mode OS2,base-8
GN-HD-QBT-MM	Giganet 1u, 96F , QSFP, Breakout Flat Panel 12x MTP(m)- LC, Multimode OM4, base-8