

Specifications

LCX Distribution Panel

Overview

The Amphenol Network Solutions bulkhead-style fiber optic panels provide cost-effective patch-and-splice capabilities in an industry-standard footprint. LCX panels mount in a 19" or 23" rack and range from 1RU to 4RU.

The densities ranging from 48 LC/UPC terminations in a 1RU to 288 LC/UPC terminations in a 4RU, LCX panels can support virtually any applications or requirements.

Applications

- CATV
- MTSO
- Outside plant
- Central office
- Optical distribution/cross-connect

Primary Features

- Bend radius management
- Flammability safety
- Structural reliability
- Pre-loaded configurations accelerate deployment
- 48 LC patch-and-splice terminations in a 1RU (2 plates)
- 288 LC patch-and-splice termination in a 4RU (12 plates)
- Tray-based in 1RU and 2RU for improved access
- Universal designation label included for circuit tracking
 - Shallow chassis design
 - IFC/OSP brackets for cable mounting
 - LCS footprint adapter plates
 - Available in LC, SC or MPO adapters
 - MPO breakout modules available
 - 19" or 23" mounting brackets
 - Custom pre-terminated solutions available

Dimensions and Weight		
All Panels	Width	Depth
	17" (432 mm)	11" (280 mm)
		Height
		Weight
1RU patch or splice panel	1.75" (44 mm)	5 lbs. (2.27 kg)
2RU patch or splice panel	3.5" (89 mm)	6 lbs. (2.72 kg)
4RU patch or splice panel	7" (178 mm)	8 lbs. (3.63 kg)
Mechanical		
Enclosure type	Rack-mounted panel	
Capacity	12, 24, 48, 72 or 96 ports based on configuration	
Connector type	LC or SC based on the configuration	
Material	Aluminum	
Panel mounting	19" or 23"	
Environmental		
Humidity	0 to 90%, non-condensing	
Temperature	-5° to 55°C	
Compliance		
Agency compliance	NEBS, ETSI, Zone 4 seismic reliability	



Fig. 1: LCX 96-port 4RU

MPO Modules

Step one: Select panel size and density.
Step two: Select patch plates, splice trays and accessories as required.

Chassis

Description	Part Number	Patch Plates Required
1RU/12-port	LCX-M1RU	2
2RU/24-port	LCX-M2RU	4
4RU/72-port	LCX-M4RU	12(6-port) patch plates
4RU/96-port	LCX-M4RU	12(8-port) patch plates



Fig. 2: LCX 24-port

Patch Plates

Description	Part Number
PATCH PLATE, 12-PORT, LC/UPC	055-0000-5010
PATCH PLATE, 24-PORT, LC/UPC	055-0000-5210
PATCH PLATE, 12-PORT, LC/APC	055-0000-5090
PATCH PLATE, 24-PORT, LC/APC	055-0000-5290
PATCH PLATE, 12-PORT, LC MM	055-0000-5012
PATCH PLATE, 12-PORT, SC/UPC	055-0000-6210
PATCH PLATE, 12-PORT, SC/APC	055-0000-6270
PATCH PLATE, 6-PORT, MTP/MPO	055-0000-MT06
PATCH PLATE, 8-PORT, MTP/MPO	055-0000-MT08
PATCH PLATE, BLANK	055-0000-9000



Fig. 3: LCX 72-port 4RU

Description	Part Number
MOD: SM DUAL 12F MPO TO LC/UPC, 24-PORT	056-MPO-LV212
MOD: SM 24F MPO TO LC/UPC, 24-PORT	056-MPO-LV124
MOD: MM (OM4) SINGLE 24F MPO TO LC/UPC, 24-PORT	056-MPO-5I124
MOD: MM (OM4) DUAL 12F MPO TO LC/UPC, 24-PORT	056-MPO-5I212
MOD: SM 24F MPO TO LC/APC, 24-PORT	056-MPO-LG124
MOD: SM DUAL 12F MPO TO LC/APC, 24-PORT	056-MPO-LG224
MOD: SM 12F MPO TO SC/UPC, 12-PORT	056-MPO-SV112
MOD: SM 12F MPO TO SC/APC, 12-PORT	056-MPO-NV112



Fig. 4: MPO module 056-MPO-LV212