

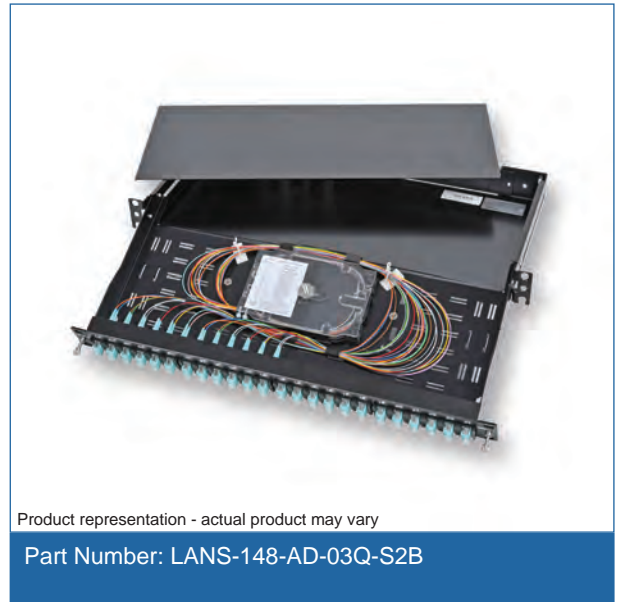
LANS 19" Patch Panel, LC duplex shuttered, black

48 fibres, 1U, 50 µm multimode (OM4), with pigtails, MFT tray, heat-shrink splice protection

CORNING

The LANScape® improved LANS patch-panel housing was developed for local area networks in 19" rack applications. This design allows configurations for different connectivity as pre-terminated assemblies, field termination, or pigtail splicing. Fibre and copper connectivity can be mixed within the same patch panel.

The LANS LC-duplex, black, patch-panel housing is available in either a 1U or 2U version, and is preloaded with LC-duplex adapters. The drawer, containing a patch panel and splice area, is slide-able and tilts down to enable easy access to the splice area. Angled cable entries are provided to allow the input of two cables at the rear of the housing, where a metric cable gland can be mounted for strain relief. Additional options are provided for break-out or Plug & Play™ trunk entry. The 1U and 2U housings are available with optional pigtails and splice trays with either heat-shrink or crimp splice protectors. The LANS 1U housing can be ordered with a splice box of 4 x Standard Splice Trays, or 4 x MFT splice trays with a maximum capacity of 48 fibres. The 2U version has double capacity for connectors, cable ports and splice trays, e.g. 96 fibres.



Product representation - actual product may vary

Part Number: LANS-148-AD-03Q-S2B

Features and Benefits

Ideal for field connectorisation (UniCam® or Anaerobic)

Suitable for loose-tube and tight-buffered optical fibre cables

Slide-out drawer for easy connector access

Slide-out drawer tilts down 30°

Flexible configuration of connectivity

Allows presentation of LANScape fibre and copper connectors

1U housing provided with 2 x cable entry ports for either M20 or M25 glands, optional 2 x Plug & Play™ trunks with U-clip (Size 1/2)

2U housing provided with 4 x cable entry ports for either M20 or M25 glands, optional 2 x Plug & Play™ trunks with U-clip (Size 1/2)

Pigtails provided with TB (easy strip) coating

Pigtails coloured according to Telcordia at 900 µm and 250 µm layer for easy identification

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Specifications

General Specifications

Application	Splicing
Mounting Type	Rack 19"
Mounting Technology	Flush mount
Access Type	Front access downward tiltable
Fibre Category	50 µm MM (OM4)
Lockable	No

Temperature Range

Operation	-20 °C to 60 °C
Installation and Assembly	-5 °C to 50 °C
Storage	-25 °C to 70 °C

Design - Hardware

Housing Material	High-grade steel
Housing Colour	Black
Height Unit	1U
Fibre Count	48
Cable entry type	slotted for cable glands angled
Number of Ports	24
Number of Adapters	24
Number of pigtails	48
Number of pigtail bundles	4
Pigtail Length	2.5 m
Connector Type	LC-Duplex
Pigtail Type	Bundle colour coded to telcordia on primary and secondary coating
Number of splice trays	4
Splice Tray Type	MFT for heat-shrink splice protectors
Number of splice protectors	48
Splice Protectors Type	Heat-shrink

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Mechanical Characteristics

Dimensions (HxWxD)	44 mm x 483 mm x 213 mm
Weight	2.85 kg

Optical Specification - Hardware

Pigtail insertion loss	0.35 dB
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Design Adapter

Adapter Type	LC duplex shuttered
Adapter Housing Material	Composite
Adapter Housing Colour	Turquoise
Insert Material	Ceramic
Keyed adapter	No
Shuttered adapter	Yes

Ordering Information

Part Number	LANS-148-AD-03Q-S2B
Product Description	LANS 19" Patch Panel, 1U, black, 24 LC duplex shuttered, turquoise OM4, with pigtails, MFT tray, heat-shrink splice protection

Shipping Information

Packing dimensions (L x W x H)	600 mm x 400 mm x 150 mm
Shipping Weight	3.65 kg
Units per Delivery	1/1

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The Corning logo consists of a solid blue square with the word "CORNING" in white, uppercase, sans-serif font centered within it.

Notes



Corning Optical Communications GmbH & Co. KG · Leipziger Strasse 121 · 10117 Berlin, GERMANY
00 800 2676 4641 · FAX: +49 30 5303 2335 · www.corning.com/opcomm/emea

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