

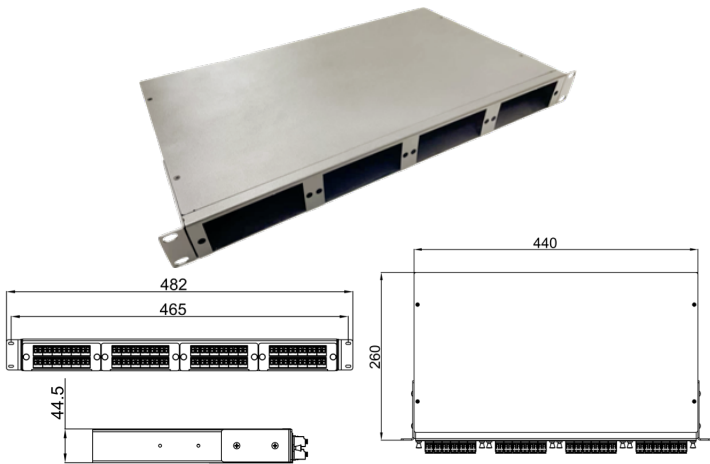
LL-PP/MOD/1U/KX-4xMPO12LC-OM4

— Fiber optic high-density patch panel 1U 19" modular, max. 4 modules MPO/12 to 12xLC/SX or 6 x LC/DX or 3 x LC/QUAD, OM4 —
SPCC steel
Coloring: RAL 9005 (black) standard

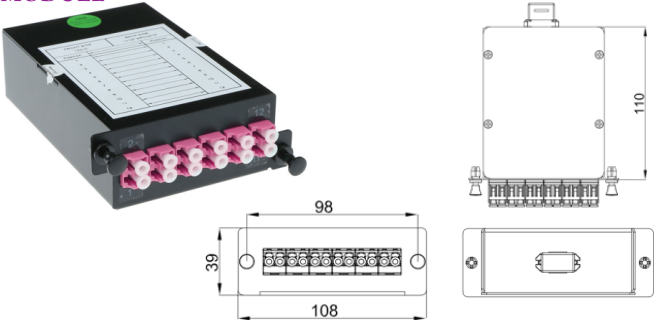
APPLICATION

Fumo's fiber optic panel solutions are developed to supply the essential elements of fiber cable management; connector and cable accessibility, bending radius protection, cable routing paths and physical protection. If these elements are executed correctly, the network can deliver its full competitive advantages. The 1 high unit, 19" width, modular version can accommodate up to four modules in various adapter styles (see corresponding module data sheets). It can be ordered empty, partially equipped or fully loaded plug&play-ready. Standard RAL-color is black RAL 9005 (customized colors and logo-prints are available on request).

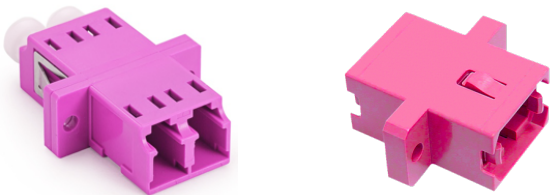
PATCH PANEL - MODULAR



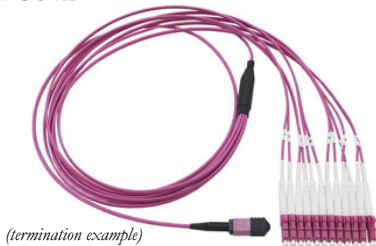
MODULE



ADAPTERS



MULTI-PATCH CORD



TECHNICAL SPECIFICATION

Panel	: standard panel kit 8 modules (96 outlets)
Size	: 19" 1U
Capacity	: 8 modules @ 12 outlets
Type	: rack mounting
Material of panel	: SPCC steel
Thickness	: 1.2mm (nominal)
Dimensions	: W 482mm x D300mm x H133mm
Front cover	: tinted glass with metallic push-pull locks
Cable entries	: 2 on the backside and 1 on each side
Coating	: powder coating
Colors	: RAL 9005 - black (other colors available on request)

Module	: module for standard panel 19", 1U
Type	: MPO/12 to 12 x LC simplex, 6 x LC duplex or 3 x LC quad
Front plate	: LC adapters
Rear plate	: MPO-male
Material of module	: SPCC steel
Thickness	: 1.0mm (nominal)
Coating	: powder coating
Color	: RAL 9005 - black (other colors available on request)
Dimensions	: W108mm x D110mm x H39mm
Lock at panel	: push-pull device

Adapters	: LC-LC duplex, OM4, plastic compound violet color, phosphor-bronze (PbBz) sleeve, push-pull-connector plug-in, typical attenuation ≤ 0.20dB (dep. on termination accuracy), temp. range -40°C to 85°C (see also data sheet LL-AD-LCLC-DX-OM4)
	MPO-MPO 12-way, OM4, plastic compound violet color, plastic compound guiding device, push-pull connector plug-in, typical attenuation ≤ 0.35dB (dep. on termination accuracy), temperature range -40°C to 85°C (see also data sheet LL-AD-MPOMPO-OM4)

Multi-Patch cord	: Multi-patch cord OM4, typical attenuation MPO-side ≤0.35dB - LC-side ≤0.20dB = typical overall attenuation ≥55 dB, temp. range -5°C to 60°C, cable and connectors in violet color acc. to OM4 color coding, fiber according to ITU-T G.651.OM4 (see also data sheet LL-PT12FO-MPOLC-OM4)
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PACKAGING

- Robust carton box
- Accessories can be plug&play mounted, or supplied in a separate re-usable plastic bag

