

R804731 19" 1U UniRack 24xLC-Duplex OM4, PC, ceramic, Bm/3

090.5071 Similar product

**Description**

Front panel with staggered arrangement of adapters.

Scope of supply

- 19" 1U slide-in unit, splice tray plate with 2 splice trays radius 40 mm, fastening material, labeling strips and installation manual
- Front panel equipped with adapters and pigtails

Weight

5112.000 G

Technical Data

Standardisation	IEC 60297-3: 19-inch (482.6 mm) rack; Adapter and connector in acc. with IEC 61754-20;
Fastening (inch)	19"
Height Units (U)	1
Rack mounting version	Patch Panel
Version	splice
Capacity (ports)	24
Number of connectors (A)	24
Connector type (A)	LC Duplex
Protection class (IP) connector (A)	20
Polishing connector (A)	PC
Attenuation grade IL - connector (A)	Bm
Return loss grade RL - connector (A)	3
Connector color (A)	beige
Lever- frame-coding connector (A)	color
Frame color connector (A)	turquoise-non
Sleeve material	ceramic
Adapter fastening method	end cap
Fiber class	OM4
Conductor type	semi-tight buffer, dry
Fiber / conductor diameter	G50/125 µm
Fiber type	Multimode (MM)
Color code NCS	2502-B
Color	medium gray
Assembly	fully populated
Dimensions	43.6 x 482.6 x 230 mm
Material	steel: DC04 (1.0338), 1.5 mm, powder-coated

Tender text

19" 1U UniRack, fitted with 24 x LC-Duplex, OM4, PC, ceramic, Grade Bm/3

Splice and patch box, mounting depth 230 mm, recessed and continuously adjustable up to 55 mm, cable entry at the back and the sides; box is partitioned in two parts: the bottom part serves as storage for spare loose tubes, the upper part for the spare pigtails (1.3 m of fiber stored in the splice tray); guaranteed bending radius $\geq 40\text{mm}$; fitted with pigtails ready for splicing; featuring two splice trays of radius 40 mm and adapters; 2-tier pull-out to 266 mm, 140 mm for optimal access to adapters and pigtails, further 126 mm for access to splice trays and loose tubes; the tray can be taken out of the box completely by means of a release lever; also supplied are fastening material, labeling strip and installation instructions.

Fitted with 24 x LC-Duplex multimode adapters in acc. with IEC 61754-20. Adapter body plus flange and two integral hexagonal nuts M2, fastened with screws. Zirconia (ceramic) alignment sleeve, beige housing (multimode), turquoise coding frame (OM4), material PPA / UL 94 V-0, integral self-closing metal laser protection flaps, semi-transparent plastic dust covers, allowing optical testing with test lasers without removing the covers. The adapter qualified in acc. with IEC 61753-1 for category U (uncontrolled environment).

Optical specifications:

- Delta insertion loss: $\leq 0.2\text{ dB}$, testing method acc. to IEC 61300-3-4

Mechanical specifications:

- Mating cycles: min. 500
- Pull-out force: min. 70 N

and 48 x pigtails with semi-tight buffer PA/PBT, $\varnothing 0.9\text{ mm}$, turquoise, multimode G50 50/125 μm (OM4), length 2.5 m. Fitted with one LC connector in acc. with IEC 61754-20. Zirconia (ceramic) ferrule with a PC polished endface geometry, connector qualified in acc. with IEC 61753-1 for category U (uncontrolled environment). Beige connector housing (multimode), material PC / UL 94 V-0, black strain relief and white plastic dust cover.

Optical specifications (random mated):

Performance:

- Insertion loss (IL) Grade Bm for 100% of the tested specimen: $\leq 0.50\text{ dB}$ / typical $\leq 0.15\text{ dB}$
- Return loss (RL) Grade 3: $\geq 35\text{ dB}$

Mechanical specifications:

- Mating cycles: delta IL $< 0.2\text{ dB}$ after 500 mating cycles
- Pull-out force fiber pigtail: $\geq 5\text{ N}$

Features:

- Dimensions: 43.6 (1U) x 482.6 (19") x 230 mm (HxWxD)
- Material: powder-coated sheet steel
- Color: medium gray (NCS 2502-B, approaching RAL 7035)

Optional:

- Visual coding, mechanical coding and lock protection
- Various cable guides