yellobrik® RFR 1000-1
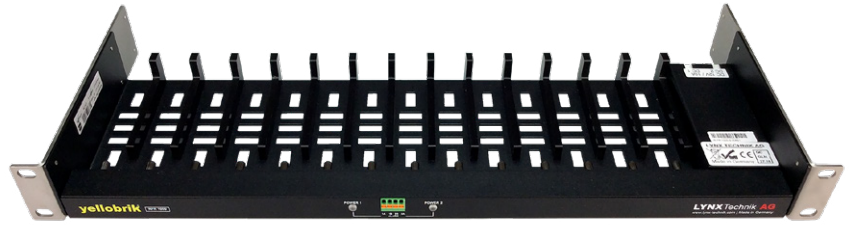
yellobrik 19" 1RU Rack Frame

- Compact 1 RU design
- Will accommodate up to 14 yellobriks
- External 12VDC power inputs
- Primary and redundant power options
- Power failure alarm GPO outputs
- Adjustable 19" mounting brackets to recess frame

The RFR 1000-1 is a compact 1 RU high mounting frame designed for yellobriks. Up to 14 yellobriks can be vertically mounted and are mechanically clamped securely in place. Each slot has its own integrated power connector on a central power bus.

The rack has two external 12VDC inputs for power, one for primary power, the second for redundant backup. An optional external power brick is available which provides enough power for any combination of yellobriks. A second unit can be used for redundant backup.
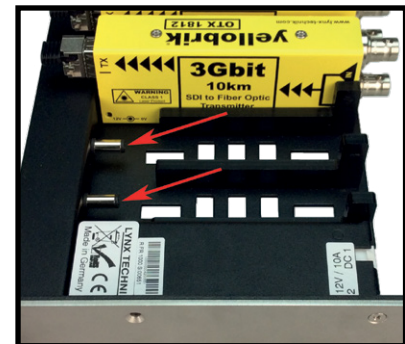
Primary and redundant power LEDs are located in the front panel as well as GPO connections for the power supply failure alarms.

While the frame will accommodate all yellobriks, it is ideally suited for the yellobrik fiber converters, which are typically used in larger numbers. Fiber connections are on the front and the SDI copper connection in the rear. A space is left open on one side to route the fiber loops from front to rear making for a very clean installation. The module fiber RX and TX activity LEDs can be seen clearly from the front with the modules installed. To protect the fiber cables and connections the 19" mounting brackets can be repositioned to recess the rack frame.
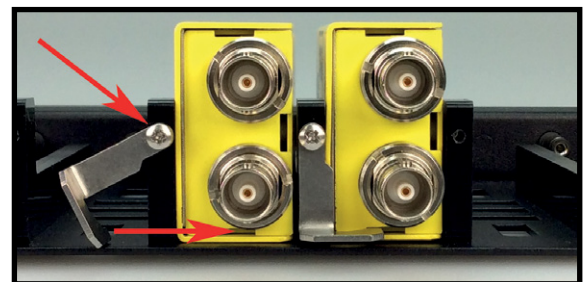
Technical Specifications

Power Inputs	External +12VDC primary power input External +12VDC redundant power input Connector: Molex Mini Fit Series5557 Power LED's on front of chassis Primary and redundant power failure GPO alarm outputs
Size	19" Rack mount x 1RU high x 145mm deep (5.7")
Weight	1.6 Kg (3.52 Lbs) - with no modules installed
Model #	RFR 1000-1 (EAN# 4250479324725)
Options	RPS A100 (N/EU/US/UK) — AC to DC Desktop Power Supply Module 12V/8A (with None / EU / US / UK plug respectively) (use 2 units for primary and redundant power protection)
Includes	Rack Frame assembly (empty) and qty 14 module securing brackets

Power connectors on integrated power bus

Rear of rack frame showing power connectors and one optional external power brick (use second brick for redundant protection)

Modules are clamped securely into position

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