

Magnum

1U splitter accommodation

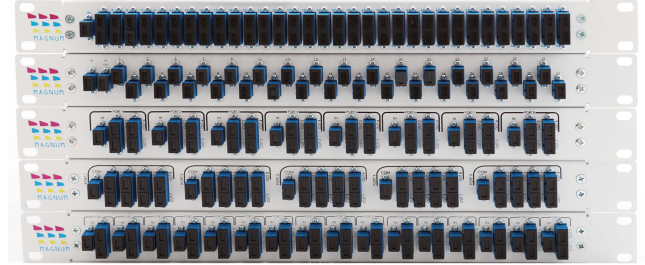


DESCRIPTION

Magnum patchpanel is 1U, 19" packing splitter solution.

It was specially designed for high density applications. Magnum allows to save up to 60% of space in 19" rack cabinets. Colored in grey (RAL 7035).

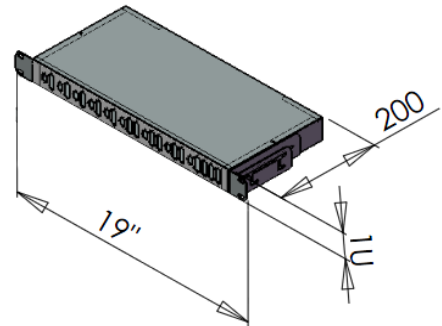
Patchpanel is dedicated for PON and CATV based on PLC splitter technology.



MAGNUM PATCHPANEL:



- 1U package solution
- specially designed for high density applications
- allows to save up to 60% of space in 19" rack cabinets
- easy access
- easy management
- test reports are available



FRONT EXAMPLES



16 x 1x2 splitters. Magnum front adapter panel for 16 1x2 splitters with SC connectors



8 x 1x4 splitters. Magnum front adapter panel for 8 1x4 splitters with SC connectors



5 x 1x8 splitters. Magnum front adapter panel for 5 1x8 splitters with SC connectors



1 x 2x16 splitters. Magnum front adapter panel for 1 2x16 splitter with SC connectors

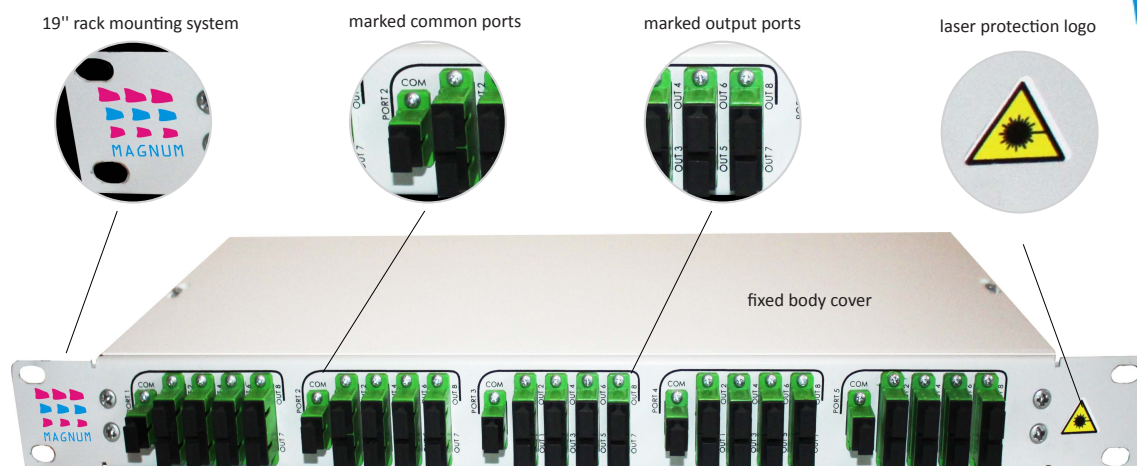


1 x 2x32 splitters. Magnum front adapter panel for 1 1x32 splitter with SC connectors



1 x 1x64 splitters. Magnum front adapter panel for 1 1x64 splitter with SC connectors

PANEL DESCRIPTION



Example front of MAGNUM patchpanel

Exemplary TECHNICAL DATA of PLC splitters (without connectors):

| Parameter | 1x2 | 1x4 | 1x8 | 1x16 | 1x32 | 1x64 |
|----------------------------|-------------------------------|------|-------|-------|-------|-------|
| Operating Wavelength (nm) | 1260~1650 | | | | | |
| Typ. Insertion Loss (dB) | 4.0 | 7.0 | 10.0 | 13.0 | 16.0 | 19.0 |
| Insertion Loss (dB) | ≤4.3 | ≤7.3 | ≤10.5 | ≤13.7 | ≤16.9 | ≤21.5 |
| Typ. Uniformity (dB) | 0.5 | 0.7 | 0.9 | 1.3 | 1.6 | 2.0 |
| Uniformity (dB) | ≤0.6 | ≤0.8 | ≤1.0 | ≤1.5 | ≤2.0 | ≤2.5 |
| PDL(dB) | ≤0.2 | ≤0.2 | ≤0.3 | ≤0.3 | ≤0.3 | ≤0.5 |
| Directivity (dB) | ≥50 | | | | | |
| Return Loss (dB) | ≥50 | | | | | |
| Package (LxWxH) (mm) | 19 Inch 1U, 200mm Magnum Rack | | | | | |
| Package weight (kg) | 3.5 | | | | | |
| Package material | Steel | | | | | |
| Cabel diameter (mm) | 0.9, 2.0, 3.0, others* | | | | | |
| Fiber Length (m) | 1m, others* | | | | | |
| Fiber type | G.652D, others* | | | | | |
| Operating Temperature (°C) | -40~ +85 | | | | | |
| Storage Temperature (°C) | -40~ +85 | | | | | |

* - different connector types are available (e.g. SC, LC, E2000, ST, FC)

** - for more information please ask our sales department

Note 1: specifications does not include connectors, add 0.25dB for a connector

ORDERING EXAMPLES:

V-SPL-SM-MGM-1x1x2-PLC-SCA splitter PLC 1x2, Magnum package, SC APC connectors

V-SPL-SM-MGM-1x1x4-PLC-SCA splitter PLC 1x4, Magnum package, SC APC connectors

V-SPL-SM-MGM-1x1x8-PLC-SCA splitter PLC 1x8, Magnum package, SC APC connectors

V-SPL-SM-MGM-1x1x16-PLC-SCA splitter PLC 1x16, Magnum package, SC APC connectors

V-SPL-SM-MGM-1x1x32-PLC-SCA splitter PLC 1x32, Magnum package, SC APC connectors

V-SPL-SM-MGM-1x1x64-PLC-SCA splitter PLC 1x64, Magnum package, SC APC connectors

* For more details please ask our sales department