# **VEIODIA**OSP 1812 OSP 1812 M OSP 1814

# **Passive Optical Splitters / Combiners**

The OSP 1812, OSP 1812 M and OSP 1814 are compact optical splitters that are used to split or combine a fiber optic signal.

Three versions are available:

## **OSP 1812**

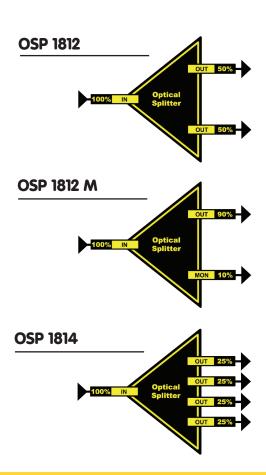
One input (100%) and two outputs (each 50%)

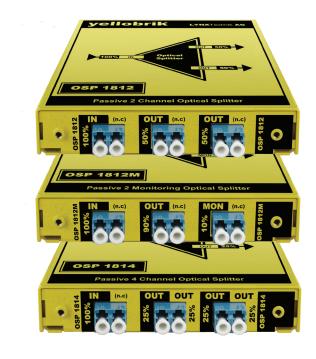
One input (100%) and two outputs, one at 90% power and a second at 10% power. Typically used as a monitoring output.

### **OSP 1814**

One input (100%) and four outputs (each 25%)

These yellobriks are passive in operation, which means they require no power. They can be used as standalone modules or mounted into the yellobrik RFR 1018 19" rack frame.





## **Technical Specifications**

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OSP 1812 Optical I/O	1 x Fiber input 2 x Fiber outputs Split Ratio: 50% / 50%
OSP 1812 M Optical I/O	1 x Fiber input 2 x Fiber outputs Split Ratio: 90% / 10%
OSP 1814 Optical I/O	1 x Fiber input 4 x Fiber outputs Split Ratio: 25% / 25% / 25% / 25%
Optical Connections	LC/PC (singlemode) Operating wavelength 1260nm - 1650nm
Performance	Insertion loss (including connector) OSP 1812 and OSP 1812M = 4.0 dB OSP 1814 = 7.6dB
	Polarization dependant loss: max 0.3dB
	Return loss: > 55dB
	Directivity: > 55dB
	Max input power: 500mW
Power	None required (passive operation)
Physical	Size: L: 125mm x W: 100mm x H:19mm (4.92" x 3.93" x 0.75") Weight: 120g (4.3oz)
Model #	OSP 1812 - (EAN# 4250479359796) OSP 1812 M - (EAN# 4250479359802) OSP 1814 - (EAN# 4250479359819)
Includes	Module and plastic transport case

Specifications subject to change

LYNX Technik AG Brunnenweg 3 D-64331 Weiterstadt Germany PH +49 (0) 6150 1817 0 info@lynx-technik.com

LYNX Technik Inc. 26366 Ruether Ave. Santa Clarita, CA 91350 USA PH +1 (661) 251 8600 infousa@lynx-technik.co

LYNX Technik Pte Ltd 19 Burn Road #01-01 Advance Building Singapore, 369974 PH +65 648 1622 infoasia@lynx-technik.com