

OMS 1412 RS-GIG

POF 12+4 Port Smart Switch 1 Gbps - Gigabit Ethernet

Product Description

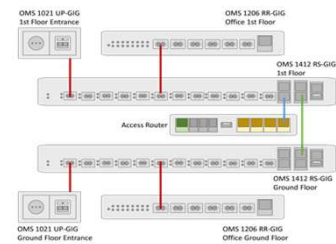
POF Gigabit Switch for the distribution of data in networks. With integrated media converter for direct connection of network devices.

Power supply via the included external power supply. The connector is on the backside of the device.

The POF 12+4 Port Gigabit Switch is suitable for big home- and office networks with the need for high information rates and extended management options. In combination with OMS 1021 UP-GIG it is possible to provide a network connection in up to 12 rooms. In big home networks the switch can also be used without the need for additional configuration.



Application Example:



Purchase Unit (PU)	Content	Unit	width (PU in mm)	depth (PU in mm)	height (PU in mm)	weight (PU in kg)
OMS 1412 RS-GIG	1	Pcs.	515	300	90	3.3

Characteristics

product category	switch
ports / number of ports	2 x RJ45, 12 x POF, 2 x SFP
bandwidth	Gigabit Ethernet
operating temperature	0 °C to +42 °C (32 °F to 107 °F)
degree of protection according to DIN EN 60529	IP20
class of protection according to DIN EN 61140	II
installation	desktop, rack
device dimensions (WxDxH) in mm	440.0 x 220.0 x 43.0
weight in gramm	2538 g

Power and Consumption

power connector	12 V DC 3 A external power supply
voltage rating	(100-240) V AC (50-60) Hz
power consumption	typ. 36 W

Network ports

number of network ports	2 x RJ45
information rate of network ports	1 Gbps
transmission distance of network ports	100 m
preferred cable for network ports	CAT 5e, 6
bandwidth network ports	100 MHz

Optical network ports

number of optical ports	12 x POF connector less / Broadcom for 2.2 mm POF cable
information rate of optical ports	1 Gbps
transmission distance of optical ports	1 Gbps up to 50 m, up to 80 m with ABR 1)
preferred cable for optical ports	POF 2.2 mm class A4a.2 according IEC60793-2
wave length of optical ports	650 nm visible red light, harmless to the eye

SFP characteristics

number of SFP ports	2 x SFP
information rate of SFP ports	1 Gbps
transmission distance of SFP ports (depends on SFP Module)	2.5 km
preferred cable for SFP ports (depends on SFP Module)	OM1, OM2, OM3, OM4
bandwidth of SFP ports (depends on SFP module)	50 / 125µm

Standards

ethernet standards	IEEE 802.1D, IEEE 802.1P, IEEE 802.1Q, IEEE 802.1W, IEEE 802.1S, IEEE 802.1AB, IEEE 802.3ad, IEEE 802.3x, IEEE 802.3, IEEE802.3u, IEEE 802.3ab, IEEE 802.3z
CE / RoHS	IEC/UL/CSA/EN 60950; CE, UL, TUV marked
FCC	FCC Part 15, Class A, ICES-003 Class A, VCCI Class A

1) ABR means Adaptive Bit Rate. The reduction of the information rate is used for guarantee error free transmission if the signal strength is low or the length of the cable is above 50m.

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homefibre digital network gmbh | Fratresstrasse 20 | 9800 Spittal a. d. Drau | Austria
Telephone +43 4762 35391 | Fax +43 4762 42780 | welcome@homefibre.at | www.homefibre.at