homefibre

OMS 1014 ACT-GIG
POF 4+1 Port Switch 1 Gbps - Gigabit Ethernet
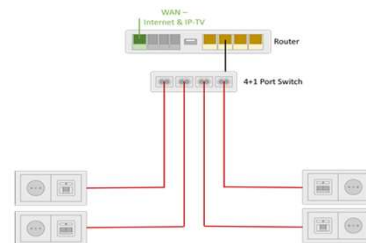
Product Description

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 4+1 Port Gigabit Switch is suitable for home- and office networks with the need for high information rates. In combination with OMS 1021 UP-GIG it is possible to provide a network connection in up to 4 rooms. The compact design allows an easy integration in a small distribution cabinet.

Application Example:

CE

Purchase Unit (PU)	Content	Unit	width (PU in mm)	depth (PU in mm)	height (PU in mm)	weight (PU in kg)
OMS 1014 ACT-GIG	1	Pcs.	90	90	30	0.24

Characteristics

product category	switch
ports / number of ports	1 x RJ45, 4 x POF
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
device dimensions (WxDxH) in mm	90.0 x 80.0 x 24.5
weight in gramm	98 g

Power and Consumption

power connector	12 V DC 1 A external power supply
voltage rating	(100-240) V AC (50-60) Hz
power consumption	max. 6 W

Network ports

number of network ports	1 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	4 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

Standards

ethernet standards	IEEE 802.3, IEEE 802.3u, IEEE 802.3ab
CE / RoHS	CE marked, RoHS compliant
FCC	N/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.