

OMS1026RR-220 GIGA

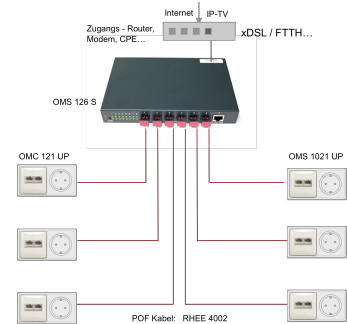


product description:

Optical 6+2 Port Gigabit Ethernet Layer 2 Switch with 2 Gigabit-Ethernet RJ45 interfaces and 6 POF ports (OptoDock ®) for 2x 2.2mm POF Cable.

Ideal for office and home network, audio- and videostreaming with high bandwidth.
plug interface: regarding DIN UAE 8/8

example of use:



Product	Type	Content	PU	Overall - width mm	Overall-height mm	Depth mm	PU/kg
OMS1026RR-220 GIGA	2.2	1	PCS	196	30	124	0,942

Characteristics

number of ports	2 x RJ45, 6 x Gigabit Ethernet POF connectorless interface
data rate	1 Gbps
operating temperature	0 °C to +42 °C (32°F to 107°F)
protecting class according DIN EN 60529	IP 20
safety class according DIN EN 61140	II
installation	Desktop
external power supply	•
additional RJ45 ports (1 Gbps)	•

Electrical characteristics

voltage	100 - 240 V ~ 50-60 Hz
maximum power consumption	10 W typical

Connector/outlet characteristics

connection technique	RJ45-connection DIN EN 60603-7: 1997-08 optical connection: 2.2 mm Duplex Gigabit Ethernet POF (IEEE 802.3)
material spring contact	CuSn
surface spring contact	1,5 µm Ni / 1,3 Au
life (cycles)	min. 2.500 cycles
DIN EN 50173-1: 2003-06	Category 5
ISO / IEC 11801: 2002, DIN EN 50173: 2011-09	Category 5
IEC 60603-7-2: 2007	unshielded 100 MHz
TIA / IAE-568-B.2-2001	Category 5e

Optical characteristics

data transmission rate	1000 Mbps, adaptively lower beyond specified power budget
Gigabit Ethernet output power (sender)	-5.8 dBm min. (typ)
Gigabit Ethernet input power (receiver)	-17.5 dBm min. (typ)
Gigabit Ethernet transmission length	typ. 50 m (164 ft.) with POF 2.2 mm class A4.a2 regarding IEC 60793-2
maximum transmission length with adaptive bandwidth	typ. 90 m (295 ft.) with POF 2.2mm class A4.a2 regarding IEC 60793-2
backwards compatability	backwards compatible to 802.3-FX (100 Mbps POF)
wavelength	650 nm typ.

Accessories

OMS1021UP-220 GIGA	Double Outlet Optical Media Converter Switch, In-Wall Socket, 1 Gbps
RHEE 4002 2.2W	POF Cable Duplex 2.2mm, white, double jacketing
POF-Unicut	POF Cutter (use up to 10 times)
POF-VB 2.2mm	POF connector-less connector for POF cable 2.2mm
OMA111WLAN-220	Flush mounting POF WLAN Access Point, WLAN 300Mbps
19" Rack OMS 1026	19" rack for 2 OMS 1026 incl. mounting screws; color: black