



Easy Switch 6+2-Port 1000 DATALIGHT®

product description:



Switch for distribution and conversion of optical signals, connections for 6 Duplex Fibre 2.2 DATALIGHT® and 2 RJ45 plugs, for transfer rates up to 1 Gbps.

The Easy Switch 6+2-Port 1000 DATALIGHT® provides network access for up to two devices using RJ45 connectors and 6 connectors for optical fibres to include access points in the network. The high speed of 1000 Mbps ensures a smooth data transmission in the network, whereby even big amounts of data, videos, images and music are quickly and safely available at every access point in the network. The Easy Switch can not be managed.



2 x RJ45 / 6 x GE-POF

Art-No.:	Type	Content	PU	Overall-width mm	Overall-height mm	Depth mm	PU/kg
257 31 026	2.2	1	PCS	196	30	124	0,942

Characteristics

Number of ports	2 x RJ45, 6 x POF
Data rate	1 Gbps
Operating temperature	0 °C to +42 °C (32°F to 107°F)
Protecting class according to DIN EN 60529	IP 20
Safety class according to 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

DRAINAGE SYSTEMS
ELECTRICAL SYSTEMS
BUILDING TECHNOLOGY
INDUSTRIAL PRODUCTS



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Optical characteristics

data transmission rate	1000 Mbps, adaptively lower beyond specified power budget
Gigabit Ethernet output power (sender)	-5.8 dBm min.
Gigabit Ethernet input power (receiver)	-16.5 dBm min.
Gigabit Ethernet transmission length	typ. 50 m (164 ft.) with POF 2.2 mm class A4.a2 regarding IEC 60793-2
maximum transmission length	typ. 90 m (295 ft.) with POF 2.2 mm class A4.a2 regarding IEC 60793-2
Backwards compatibility	Backwards compatible to 802.3-FX (100 Mbps POF)
Wavelength	650 nm typ.

Accessories

Medium duty corrugated plastic conduit	FFKuS DATALIGHT®	257 10 025
Data line	Duplex Fibre 2.2 DATALIGHT®	257 80 102
Auxiliary tool	Cutter	257 90 001
Connector	Connector 2.2	257 50 002
Network access socket	WLAN Access Point 100 DATALIGHT®	257 21 111
Network access socket	LAN Access Point 2-Port 100 DATALIGHT®	257 20 121
Network access socket	LAN Access Point 2-Port 1000 DATALIGHT®	257 20 021

Hotline

Since technical developments cannot be foreseen, electrical installations should provide the possibility to be expanded at any time.
If you generously install a system of unused conduits today, you can easily expand your electrical installations later.
You save lots of time, money and effort!

We are happy to help you with any technical questions.
Prompt information can be obtained from our technical consultants at +49 9525 88-8123.