Product information
dS-Mediaconverter Kit   "dS-IP-KDO-100"
dS-Mediaconverter   "dS-IP-C-DO-1121"

dS-IP-KDO-100
dS-Mediaconverter Kit

dS-IP-C-DO-1121
dS-Mediaconverter

- **Gigabit-Ethernet**

- **Gigabit-POF**

- **No speed losses**

- **Fast and simple connection**

Functions

dS-Mediaconverter

The digitalSTROM-Mediaconverter enables the simple integration of your network devices into the digitalSTROM-System. The data is transmitted via a light fiber optic system "POF" (Polymer Optical Fiber). At a distance of 50 m a transmission rate of 1000 Mbps is possible. The bandwidth rate decreases steadily from 50 meters. This procedure is called ABR (Adaptive Bandwidth Rate). At a distance of 70 m approx. 700 Mbps are still possible.

Polymer Optical Fiber

The advantages of POF – similar to glass fibers – lie in its high degree of flexibility, light weight and resistance to electromagnetic interferences. Furthermore, these fibers can be deployed easily and universally and for this reason are used primarily in short transmission paths.

Easy Installation

The POF network fiber is only 2.2 mm thin. Thus, a small, inconspicuous hole is already sufficient to insert it through a wall. POF cables can also be laid very easily in existing pipes with other electrical, telephone or TV cables. The length of the POF cables can be adapted by a simple cut. After laying the POF cable, the two ends of the cable are cut off cleanly with the cutting tool and inserted into the dS media converter. After that, a Gigabit network connection is available to you, which you can very easily expand with your home network. The tedious laying of conventional RJ45 network cables with a large connector, which can only be cut off with difficulty, is now a thing of the past.

Interference-free

Unlike WLAN, you can transmit POF data over several floors without any loss even in densely populated areas.

Properties

- 1x Ethernet port RJ45 standard
- RJ-45 100/1000-Base-TX
- Compatible with IEEE 802.3ab Gigabit-Ethernet
- 2x LED indicators (RJ45)
- 1x Gigabit POF port
- LED indicator (POF)

Technical Details of dS-Mediaconverter

Power supply	USB Adapter (5V, 1000mA)
Power consumption	1.5W
Ambient temperature	0 – 40°C
Number of ports RJ-45	1
Max. port speed RJ-45	1000 Mbit/s (Gigabit-Ethernet)
Number of ports POF	1
Max. port speed POF	1000 Mbit/s (Gigabit-Ethernet)
Product type	Converter
Manufacturer's number	dS-IP-C-DO-1121
Dimensions (L/W/H)	170x 58x 285 (mm)
Dimensions POF cable	2x 2.2 mm

Package content dS-IP-KDO-100 dS-Mediaconverter Kit

20m POF cable
2x POF Mediaconverters
2x power cables
2x USB power supply
2x USB power cables
1x POF cutting tool
Installation instructions

Package content dS-IP-C-DO-1121 dS-Mediaconverter (individual)

1x POF Mediaconverter
1x USB power supply
1x USB power cable
Installation instructions

Availability: on request

CE   **RoHS**   EN 55022 / EN 55024 / EN 60950