product description:

Network access socket for installation in flush-mounted sockets, two RJ45 jacks for connecting network devices, an optical connection for Duplex Fibre 2.2 DATALIGHT, integrated media converter for converting the signals, integrated switch for the distribution of signals, for transmissions up to 100 Mbps.

Connection for power input at the back.

The LAN Access Point 2-Port 100 DATALIGHT provides wired network access for up to two devices. Via Duplex Fibre 2.2 DATALIGHT it can be connected to other DATALIGHT devices. The speed of 100 Mbps ensures a smooth data transmission in the home network, whereby data, videos, images and music are quickly and safely available at every access point in the network.

<table>
<thead>
<tr>
<th>Art-No.:</th>
<th>Type</th>
<th>Content</th>
<th>PU</th>
<th>Overall-width mm</th>
<th>Overall-height mm</th>
<th>Depth mm</th>
<th>PU/kg</th>
</tr>
</thead>
<tbody>
<tr>
<td>257 20 121</td>
<td>DLUP121</td>
<td>1</td>
<td>PCS</td>
<td>50</td>
<td>80</td>
<td>50</td>
<td>0.092</td>
</tr>
</tbody>
</table>

Characteristics:

- Number of ports: 2 x RJ45, 1 x POF
- Data rate: up to 100 Mbps
- Operating temperature: -5 °C to +45 °C (23°F to 113°F)
- Protecting class according to DIN EN 60529: IP 20
- Safety class according to DIN EN 61140: II

Installation: concealed (installation depth 44 mm)

Additional RJ45 ports (100 Mbps): ●

Fits in commercial flush-mount installation boxes: ●

Electrical characteristics:

- Voltage: 100 - 240 V ~ 50-60 Hz
- Power consumption: max. 1 W

Connection/outlet characteristics:

- RJ45-connection: DIN EN 60603-7: 1997-08
- optical connection: 2.2 mm Duplex POF
- L / N: screw terminal for wires 1,5 mm Ø, 1 wire at each contact

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


IEC 60603-7-2: 2007 unshielded 100 MHz

TIA / IAE-568-B.2-2001 Category 5e
**DATALIGHT® LAN Access Point 100**

### Optical characteristics

<p>| | |</p>
<table>
<thead>
<tr>
<th></th>
<th></th>
</tr>
</thead>
<tbody>
<tr>
<td>Transmission length</td>
<td>70 m with POF 2.2 mm</td>
</tr>
<tr>
<td>Data transmission rate</td>
<td>100 Mbps</td>
</tr>
<tr>
<td>Wavelength</td>
<td>660 nm typically</td>
</tr>
</tbody>
</table>

### Standardisation

- **EN 60950-1:2006 Information technology equipment - Safety - Part 1: General requirements**


- **EN 55022:2010 Information technology equipment - Radio disturbance characteristics - Limits and methods of measurement**
  Applied in full

- **EN 55025:2010 Information technology equipment - Immunity characteristics - Limits and methods of measurement**
  Applied in full

- **EN 50581:2013-02 Technical documentation for the assessment of electrical and electronic products with respect to the restriction of hazardous substances**
  Applied in full

### Risk analysis

The product has been manufactured and tested according to the harmonized standards EN 60950-1:2006 and EN 60825-2:2004 in the sense of harmonization legislation of the EU. All safety-relevant tests have been adhered to. This product poses no further risk.

### Accessories

<table>
<thead>
<tr>
<th>Item</th>
<th>Code</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>Medium duty corrugated plastic conduit</td>
<td>FFKuS DATALIGHT®</td>
<td>257 10 025</td>
</tr>
<tr>
<td>Data line</td>
<td>DLF</td>
<td>257 8x xxx</td>
</tr>
<tr>
<td>Auxiliary tool</td>
<td>DLCUT</td>
<td>257 90 001</td>
</tr>
<tr>
<td>Connector</td>
<td>DLCON</td>
<td>257 50 002</td>
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<tr>
<td>Switch</td>
<td>DLS126</td>
<td>257 30 126</td>
</tr>
<tr>
<td>Wifi Access Point</td>
<td>DLWUP111</td>
<td>257 21 111</td>
</tr>
</tbody>
</table>

### 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.