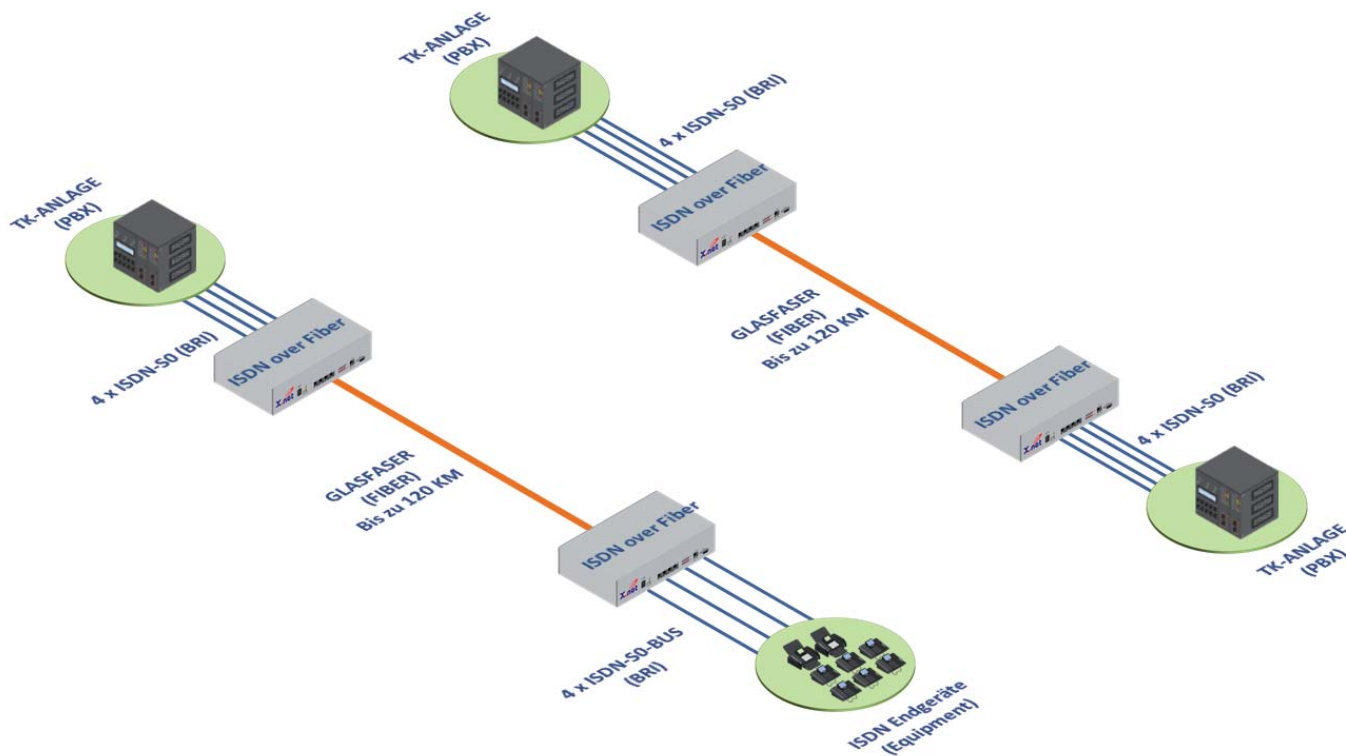




# ISDN-S0 over Fiber

ILIGHT-S / Version 2



- ▶ Conversion of ISDN BRI to an optical interface
- ▶ Transparent transmission of B and D channels
- ▶ PBX cross connection
- ▶ ISDN-BRI Bus extension
- ▶ LED diagnostics
- ▶ Robust, stackable housing which Complies with EMC recommendations

The ISDN BRI over Fiber Converter is a cost effective and easy to install solution to transmit ISDN BRI interfaces over fiber optics.

The new ISDN over fiber is the further development of the former ILIGHT-S.

This new product has many advantages over the previous model:

- Utilization of changeable SFP-Fiber Optic-Modules
- The ISDN-BRI crossover cable is not longer needed
- All interfaces are mounted on the front
- Discontinuation of the NT/TE settings per DIP-switch
- The NT model has the ISDN-BRI input terminal voltage integrated (optional)
- Status status of the interfaces, firmware update etc.
- Compact and lockable power supply connector

The unit can be installed quickly and without special knowledge. A PC or terminal for configuration is not necessary.

The user can connect two PBX's with one another (cross connection) or extend ISDN BRI BUS for ISDN telephony via fiber optics.

The ISDN BRI interfaces transmit the data independently.

The status LED's mounted on the front show the actual condition for ISDN BRI interfaces and fibreoptics.

Optionally, the connected devices on ISDN BRI Interfaces can be supplied with 40 volts.

For transmission over Fiber many modules are available: (please see chart).

The transmission distance can be up to 120 km.

The housing is made of metal and corresponds to the EMC directives.



**General Information:**

1 to 4 ISDN-BRI  
 Connector: RJ45 Jack (100 Ohm/4-wire)  
 SFP slot for fiber optics  
 Status and diagnostics display

**Interfaces:**

**ISDN-BRI**

Type: ISDN-BRI  
 Connector type: RJ45 (100 Ohm)  
 Coding: AMI  
 PIN Assignment: ETSI

**Optical Interface**

Connector type: SFP

**Dimensions:** (L x B x H) 206 mm x 163 mm x 43 mm

**Operating Temperature:** 5 to 40°C

**Relative Humidity:** 10 to 90 % (no condensation)

**Storage Temperature:** 0 to 60°C

**Power Supply:** 230 V AC – power supply  
 or optionally with 240VDC or 48VDC

CE approved



# ISDN-S0 over Fiber

ILIGHT-S / Version 2

**Ordering Information (Desktop with 2 x ISDN-BRI)**

Description	Article Number
ISDN BRI over Fiber 2Port TE	4-011-0002S0
ISDN BRI over Fiber 2Port NT	4-011-1002S0
<b>With BRI supply voltage (optional)</b>	
ISDN BRI over Fiber 2Port NT+PW	4-011-P002S

**Ordering Information (Desktop with 4 x ISDN-BRI)**

Description	Article Number
ISDN BRI over Fiber 4Port TE	4-011-0004S0
ISDN BRI over Fiber 4Port NT	4-011-1004S0
<b>With BRI supply voltage (optional)</b>	
ISDN BRI over Fiber 4Port NT+PW	4-011-P004S0



**Ordering Information 19" 1U für 2 devices**

Description	Article Number
19" 1HE T-Rahmen 2Geräte	4-011-9000

**Note**

When ordering please indicate which Fiber Optic SFP Module is needed.

**Ordering Information (Fiber Optic SFP Module)**

Description	Article Number
<b>2 x Fiber</b>	
Multi Mode (2 km)	100MM
Single Mode (25 km)	100SM25
Single Mode (60 km)	100SM60
Single Mode (100 km)	100SM100
<b>1 x Fiber</b>	
Bi-Directional 1300nm (25km)	100BD13/25
Bi-Directional 1500nm (25km)	100BD15/25
Bi-Directional 1300nm (60km)	100BD13/60
Bi-Directional 1500nm (60km)	100BD15/60
Bi-Directional 1300nm (100km)	100BD13/100
Bi-Directional 1500nm (100km)	100BD15/100

