



#### Meinberg Funkuhren

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# FO40BGT: Fiber Optic Diplexer

The Fiber Optic Diplexer FO40BGT splits one optical 850nm input signal into 40 outputs. For the distribution of signals (IRIG,PPS...) via fiber optic.

FO40BGT is built-up in a 19" modular chassis with included power supply. The diplexer is equipped with optical ST connectors for the input as well as for the outputs. These connectors are suitable for optical GI50/125µm or GI62.5/125µm multimode gradient fibers. The system is able to spread IRIG Time Codes (DCLS), for example, as well as serial interfaces.

### **Important Note**

This product is no longer available. We will of course continue to provide support for units that have already been purchased and are still in use. Please contact our [1] Sales Team for further details.

This product has been discontinued and has been replaced with: [2]

### **Key Features**

- for distances of up to 2000m
- for IRIG Time Codes (DCLS)
- interference immunity of the FO connection



## **Characteristics**

Optical Outputs	40 x 850nm FO output, ST connectors for GI 50/125μm or GI 62,5/125μm gradient fibre Transmission speed: up to 100 kHz
	Launchable optical output power: typ. 15μW per output (into GI 62,5/125μm)
Optical Inputs	1 x 850nm input, ST connector for GI 50/125μm or GI 62,5/125μm gradient fibre Optical input level: 3μW min.
Electrical Connectors	Power Cord Receptacle
Operating Voltage	85-265VAC (50/60Hz) / 105-300VDC
Physical Dimensions	485mm x 132mm x 290mm
Supported Temperature	Operational: 0 - 50 °C (32 - 122 °F) Storage: -20 - 70 °C (-4 - 158 °F)
Supported Humidity	Max. 85 % (non-condensing) at 40 °C
RoHS Status of Product	This product is fully RoHS-compliant.
WEEE Status of Product	This product is handled as a B2B (Business to Business) category product. To ensure that the product is disposed of in a WEEE-compliant fashion, it can be returned to the manufacturer. Any transportation expenses for returning this product (at end-of-life) must be covered by the end user, while Meinberg will bear the costs for the waste disposal itself.

#### Manual

There is no online manual available for this product.: [3] Contact us

#### Links:

- [1] mailto:sales@meinberg.de
- [2] https://www.meinbergglobal.com/english/archive/sdu-fo.htm
- [3] mailto:info@meinberg.de