

# Desigo® Fire Safety Modular System

Fiber-Optic Interface and Bracket for DNET  
Models DFM-BRK, DFM

## Architect & Engineer Specifications

- Provides a multimode fiber-optic interface for the Desigo Fire Safety Modular System digital audio network (DNET)
- Supports `Class B' (Style 4) or `Class A' (Style 7) wiring
- Uses 62.5 / 125  $\mu$ m fiber at distances up to 2km. (or 6,562 ft)
- UL | ULC-S527 Listed

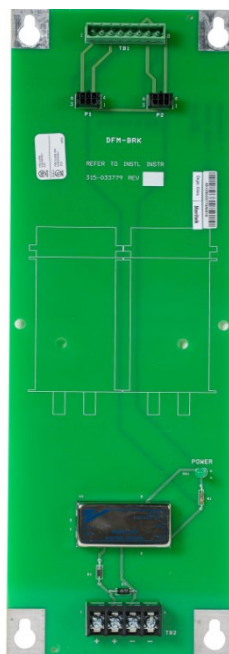
## Product Overview

The Model DFM-BRK provides a multimode fiber-optic interface for the Desigo Fire Safety Modular system digital audio network (DNET), which interconnects the Model DAC-NET modules.

Model DFM supports either `Class B' (Style 4) or `Class A' (Style 7) wiring. Model DFM uses 62.5 / 125  $\mu$ m fiber at distances up to 6,562 ft. (2 km.)

Standard ST connectors are provided for connection of the optical fiber.

Model DFM-BRK is the mounting bracket for Model DFM, and mounts in the rear of the CAB-1 | CAB-2 | CAB-3 of a Desigo Fire Safety Modular voice-system enclosure, occupying one (1) module space.



**Model DFM BRK**  
Fiber-Optic Interface  
and Bracket  
for DNET



**Model DFM**  
Fiber-Optic Interface



## Temperature and Humidity Range

Products are UL | ULC Listed for indoor dry locations within a temperature range of 120+/-3°F (49+/-2°C) to 32+/-3°F (0+/-2°C) and a relative humidity of 93+/-2% at a temperature of 90+/-3°F (32+/-2°C).

### Electrical Ratings

<b>24V CURRENT DRAW:</b> [Backplane]	0
<b>24V CURRENT DRAW:</b> [Screw Terminal]	135mA, per Model DFM
<b>6.2V CURRENT DRAW:</b> [Backplane]	0
<b>24V CURRENT DRAW:</b> [Standby]	135mA, per Model DFM

### Fiber Ratings

<b>FIBER-OPTIC CABLE:</b>	62.5 / 125 µm
<b>DISTANCE:</b>	6,562 ft (2Km.) max.
<b>POWER BUDGET:</b>	12dB
<b>WAVELENGTH:</b>	850 nm
<b>CONNECTORS</b>	ST

### Details for Ordering

MODEL OR TYPE	PART NUMBER	PRODUCT
DFM	500-634910	DNET Fiber Module
DFM-BRK	500-633779	DNET Fiber Module Mounting Bracket

**NOTICE** – The information contained in this data-sheet document is intended only as a summary, and is subject to change without notice. The product(s) described here has/have a specific instruction sheet(s) that cover various technical, limitation and liability information. Copies of install-type, instruction sheets – as well as the *General Product Warning and Limitations* document, which also contains important data, are provided with the product, and are available from the Manufacturer. Data contained in the aforesaid type of documentation should be consulted with a fire-safety professional before specifying or using the product.

Any further questions or assistance concerning particular problems that might arise, relative to the proper functioning of the equipment, please contact the Manufacturer.

**SIEMENS**

## Desigo® Fire Safety

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