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 µm fiber at distances up to 2km. (or 6,562 ft)**
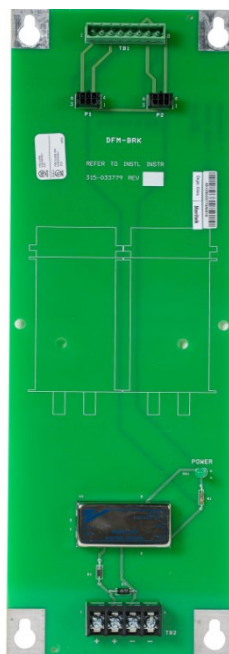
☐ **UL | ULC-S527 Listed**

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 µm 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

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

Details for Ordering

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

Fiber Ratings

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

SIEMENS

Desigo® Fire Safety