

# J-NET-INT-FO

## Fibre Optics Data Loop Interface



The J-NET-INT-FO interface modules allow GFE's range of panels to be interfaced to repeaters and/or sub-panels using Fibre Optic cable using a common data communication loop in a ring topology. These units also use a doubled redundant data communication loop for extra security and reliability.

These interfaces can be used in parallel with other similar modules using other interface technologies such as RS485 and TCP/IP, providing the installer with the tools to interface and create a network of panels, repeaters and subpanels using mixed data communication technologies, catering for the most demanding applications and networking requirements.

Each panel, repeater and sub-panel will require one of these interface modules. The maximum fiber length between panels is 2500m.

Fibre Optic cables to be used in conjunction with these modules should be multi-mode 62.5/125um and terminated using the industry standard ST connectors.

Custom made versions of these modules can be produced for connection to GFE's proprietary MPX protocol to connect LEDs, mimic displays, relays and conventional sounder circuits to GFE's extensive range of conventional and analogue addressable panels.

### TECHNICAL SPECIFICATIONS

SUPPLY VOLTAGE	28 V DC nominal - range 17 to 30 V DC
SUPPLY CURRENT	15 mA
CONNECTOR TYPE (FO)	ST Connectors
FIBRE OPTICS CABLE	Multi-mode 62.5 / 125 um
SOFTWARE & HARDWARE COMPATIBILITY	JUNO NET Panel & Repeater - Sub-Panel JUNIOR Panel V 2,3 and 4, Mini-Rep, Junior Repeaters ORION Conventional Panel (version 1.5) and Orion Repeaters
MAX. HUMIDITY	95% RH Non-Condensing
OPERATING TEMPERATURE	-10°C to 50°C
DIMENSIONS	135 (L) x 35.6 (W) x 20 (H) mm
WEIGHT	32 g

### ORDER CODE

J-NET-INT-FO

FIBRE OPTICS DATA LOOP INTERFACE

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