



QE20-FP2024 QE20 Fibre IP Network Module Kit (SINGLE MODE)

The **QE20-FP2024 Fibre IP Networking Module**, is used alongside the QE20-FP2005 RS485 Network Module to provide a fibre optic cable networking interface for a QE20 system. The fibre network consists of two fibres (TX and RX) wired in a ring around all the QE20 panels on the network. This kit can also be used as a replacement for an existing fibre module.

Note: This QE-FP2024 kit is for a SINGLE MODE system, If using a MULTI MODE system refer to the QE-FP2025 Fibre Network Kit.

Each QE-FP2024 consists of the these items mounted on the module:

- A SINGLE MODE fibre switch
- A PIB for networking of QE20 information and streaming of VoIP data
- An Analogue Telephone Adaptor (ATA) for sending and receiving audio via VoIP
- A VIF for interfacing the QE20 PA (speech) and WIP audio signals to the ATA
- Looms for connection to the RS485 Network Module and PSU in the QE20

Each kit contains:

- 1 x QE20-FP2024 Fibre IP Network Module, SINGLE MODE
- 4 x M4 x 10mm mounting screws
- 1 x Installation guide

General Specifications*:

Operating voltage:	18-32Vdc
Operating current:	520mA typ @ 24V
Operating Temp:	-5°C to +45°C, 10-93% RH
Fibre type:	9/125um single-mode fibre, SC connectors, two fibres
Optical link budget:	29dB, approx.40km
Ethernet:	10/100 BaseT RJ45
Remote audio connections:	Total of 31 remote nodes across speech and WIP connections

*Detailed specifications listed on QE20-FP2024 Installation Guide

