

EV3000 Fibre Optic interface

Features

- Options to support Multi-mode and Single-mode Fibre Optic cable
- Half duplex (2 fibres) or full duplex (1 fibre) configurations supported
- Fault tolerant network
- Ideal for use in hazardous environments

Description

The EV3000 Fibre Optic Interface allows networked EV3000 control panels to communicate over fibre optic cable.

The fibre optic interface provides the data and audio network.

The fibre optic network is fault tolerant.

Fibre optic cable is ideal for use in hazardous environments.

Specifications

Optical Wavelength	850nm (multi-mode) and 1300nm (single-mode)
Transmit Power	-15 to -10dBm multi-mode -12 to -10dBm single-mode
Receiver Sensitivity	<-39dBm
Receiver Saturation	>-12dBm
Link Budget and Transmission Distance	>24dBm (>7kms for multi-mode and >60kms for single mode)
Optical Connectors	ST standard



Figure 1: 12U EV3000

Item Numbers

154-0074	EV3000 Fibre Optic Interface – Multimode Two Core
154-0271	EV3000 Fibre Optic Interface – Multimode Single Core
154-0272	EV3000 Fibre Optic Interface – Single Mode Two Core
154-0273	EV3000 Fibre Optic Interface – Single Mode Single Core

