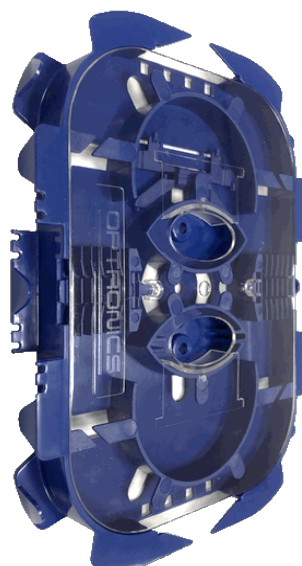


FJC Fibre Optic Splice Tray

Abtech's Ex certified fibre management solution for hazardous areas provides protection for fibre optic cables. The FJC ensures the correct installation of optical cables and helps to reduce installation time.

- Holds up to 24 fibres
- Stackable (up to max. 8 trays)
- Cable delivery entries from all 4 sides
- Various Ex op options based on power requirements



Tray Data

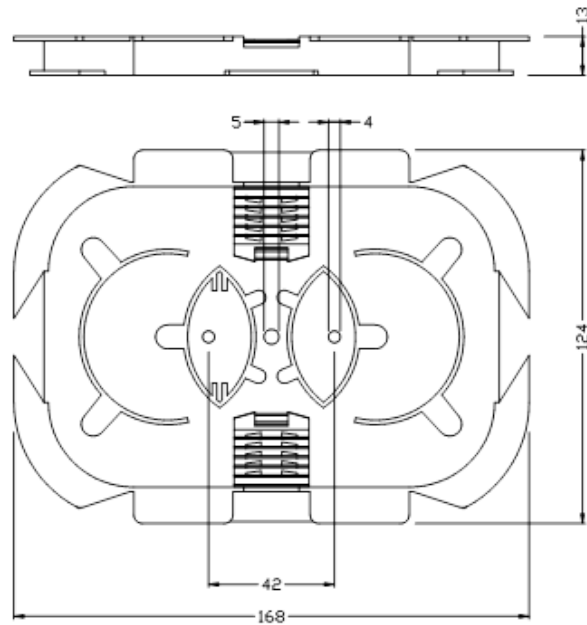
Product Reference	Application Type	Maximum optical power (mW)	Special Requirements
FJC24F	Safe Area	-	-
FJC24F-IS	Ex op is	15 or 35*	-
FJC24F-PR	Ex op pr	100	Must be fitted with additional mechanical protection
FJC24F-SH	Ex op sh	100	For use with an Ex op sh interlocked supply

* refer to enclosure certificate for more details.

Standard Specifications

Product Type	Fibre Optic Splice Tray
Tray Material	ABS
Operating Temp Rating	-40°C to +60°C
Splice Type	Heat Shrink
Maximum Fibre Size	900 µm
Maximum No. of Fibres	24
Tray Dimensions	168 x 124 x 13mm
Tray Mounting	2 x M4 clearance holes
Tray Weight	81g
Certification	
Area Classification	Zone 1 & 2 Gas, Zone 0 Gas (Ex op is only)
Types of Protection	Ex op is (Inherently Safe Optical Radiation), Ex op pr (Protected Optical Radiation), Ex op sh (Optical System with Interlock)
Component Coding	Ex op is I/IIC Ga, Ex op pr IIC Gb, Ex op sh IIC Gb
Certificate Number	ATEX: CML 17ATEX9035U / IECEx: IECEx CML 17.0020U

**Splice Tray
Dimensions**



Stainless Steel Mounting Frame

Ex op pr applications require mechanical protection of the splice tray and fibres, which is provided by a stainless steel mounting frame. An acrylic cover and cable trunking (if the enclosure size permits) add further protection.

The frame can also be used for safe area, Ex op is and Ex op sh applications.

Frame dimensions shown below are typical and may vary depending on the application.

**Stainless Steel
Mounting Frame
Example**

