

8-Way Fibre Optic Splitter

FEATURES

- 8-way equal optical splitter.
- Operates in the full CWDM wavelength range.
- Suitable for all signal types.
- No power required – totally passive.
- Connections made by SC/PC connectors.

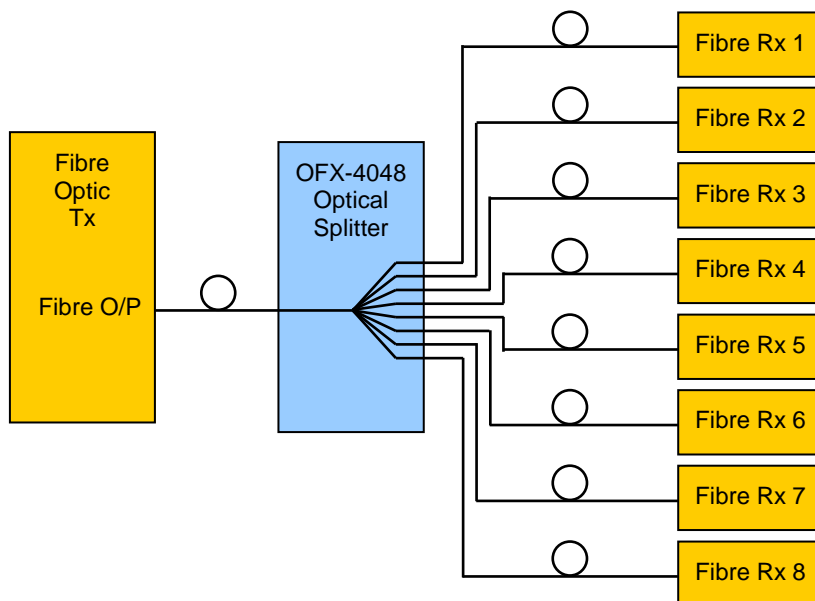
GENERAL

The OFX-4048 is an optical splitter suitable for use with IRT's complete range of optical fibre transmitters comprising of HD, SD, ASI, L-Band or analogue signals.

The input optical signal is split equally between outputs allowing eight optical receivers to be fed by the one optical transmitter. This allows eight separate locations to receive the input signal optically via the one source, or allows optical fibre redundancy by sending via different paths.

The OFX-4048 is a passive unit that requires no power to operate and is designed to mount in IRT's standard 1RU and 4000 series 3RU frames.

BLOCK DIAGRAM OFX-4048 SIGNAL PATH



TECHNICAL SPECIFICATIONS

Type	8-way equal optical splitter.
Wavelengths	CWDM range – 1260nm to 1650nm.
Fibre	Single mode.
Connector type	SC/PC.
Insertion loss	< 10.5 dB.
Other:	
Temperature range	0 - 50° C ambient.
Mechanical	Suitable for mounting in IRT 19" 1RU or 4000 series 3RU rack chassis with input and output connections on the rear panel.
Finish	Grey background, black lettering & red IRT logo.
Front panel	Common connection mounted on bracket from main PCB.
Rear assembly	6 HP x 3 U x 220 mm IRT Eurocard.
Dimensions	

