

# Optical isolator IZL

## Features:

- reduces reflection and backscattering on unterminated ports
- available as one stage and double stage
- polarisation independent
- low insertion loss
- high return loss
- high thermal stability
- mounted on splice trays, MPPO or MS modules

## Technical specifications:

Isolator IZL		
isolation level	single stage	dual stage
central wavelength [nm]	1310 lub 1550	
operating band [nm]	±20	
minimum isolation at 23°C [dB]	28	45
typical insertion loss at 23°C [dB]	0,4	0,5
maximum return loss at -5°C to -7°C [dB]	0,6	0,8
manimum return loss [dB]	55/55	55/55
maximum PDL [dB]	0,05	0,1
maximum optical power [mW]	300	
operating temperature [°C]	-5 ~ +70	

\* Parameters in the above table are specified for unterminated device.

## Ordering:

IZL1-13-300-90-SCA - single stage optical isolator, 1310 nm operating wavelength, 1 m long SC/APC terminated 900 µm buffered fibre leads

Optical isolator  
with 900 µm buffered fibre leads