

Optic Circulator for OCT

SPEC SHEET

The Mini Fiber Optic Circulator is a compact, high performance lightwave component that routes incoming signals from Port 1 to Port 2, and incoming Port 2 signals to Port 3. The component provides high isolation, low insertion loss, low PDL, low PMD and excellent environmental stability. It is widely used in combination with fiber gratings and other reflective components in DWDM systems, high speed systems and bi-direction communication systems.

Optical Specifications

Parameter	Unit	Value
Center Wavelength	nm	1310 or 1550
Operating Wavelength Range	nm	±50
Typ. Insertion Loss	dB	0.7
Max. Insertion Loss	dB	0.8
Min. Isolation, 23 °C	dB	45
Min. Crosstalk	dB	50
Min. Return loss	dB	55
Max. Optical Power (Continuous Wave)	mW	300
Fiber Type		SMF-28 fiber
Operating Temperature	°C	-5 to +70
Storage Temperature	°C	-40 to +85
Package Dimensions	mm	5.5×55