

# Optical circulator CR-3

## Features:

- bidirectional transmission of one wavelength in a single optical fibre
- doubles the wavelength capacity of a single optical fibre
- operating wavelengths: 1310 nm or 1550 nm
- increases network wavelength capacity without installation of new cables
- available in MPPO-1 LGX compatible module
- polarization independent

## Technical specifications:

optical circulator CR-3	
number of ports	3
operating wavelength [nm]	1310 or 1550
insertion loss [dB]	0,8
channel isolation [dB]	≥50
PDL [dB]	≤0,1
PMD [ps]	0,05
return loss [dB]	≥50
maximum power of optical signal [mW]	500
operating temperature [°C]	0 ~ +70
leads	typically 900 µm buffered fibre or mounted in MPPO-1
package dimensions	depend on the selected leads

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



Optical circulator CR-3  
with 900 µm buffered fibre