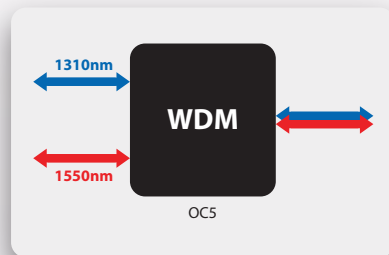


OC5/OC5D/OC6 Single Mode WDM Mux/Dmux

The OC5 is a single 2-way multiplexer/de-multiplexer designed to operate with fibre signals of 1310nm and 1550nm wavelengths. The module will combine these 2 wavelengths into a single fibre output, and an identical unit may be used to divide them up again at the receiving end. A dual channel version is also available (OC5/D). The optical components are mounted on the rear and inserted from the rear of the rack. The card element is then inserted from the front in the normal way, which tells the system that the slot is occupied and identifies the type of card in the same way as active openGear cards. Although this single slot passive device has no control or monitoring functions, it still confirms its presence to Dashboard Control Systems.

combined into a single output fibre and that same fibre is to be used for one similar channel in the reverse direction. This bi-directional characteristic is important for many installations where signals may be passed between buildings on a campus and the cost of fibre may be reduced without the complexity of CWDM or DWDM installations. The optical components are mounted on the rear and inserted from the rear of the rack. The card element is then inserted from the front in the normal way, which tells the system that the slot is occupied and identifies the type of card in the same way as active openGear cards. Although this single slot passive device has no control or monitoring functions, it still confirms its presence to Dashboard Control Systems.

The OC6 combines the functions of 1 WDM module and a 2-way opto-coupler on a single module. It is primarily intended for situations where two channels of fibre (at 1310nm & 1550nm) are to be

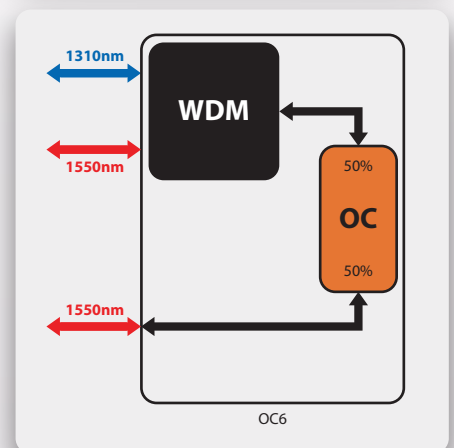
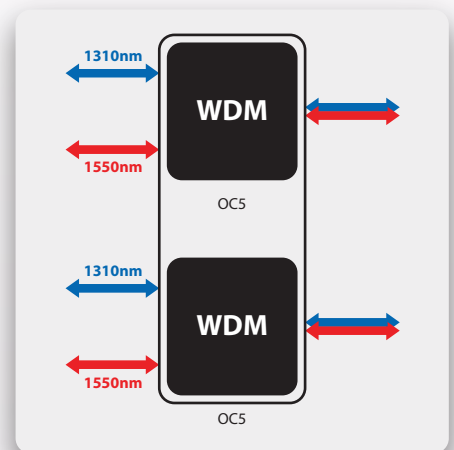


OC5 Features

- Passive Wave Division Multiplexer (WDM)
- Available in single and dual channel versions
- Bi-directional
- Operates with 1310nm and 1550nm wavelengths

OC6 Features

- Combination WDM & Opto-coupler
- Allows bi-directional transmission of dual channel over single fibre
- Operates with 1310nm and 1550nm wavelengths



Specifications

OC5

Optical

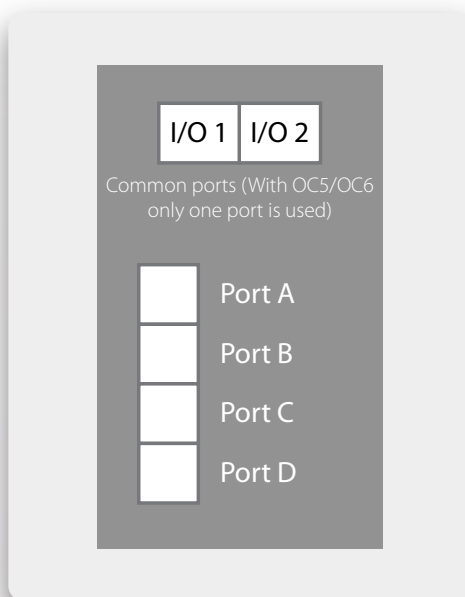
Connector	LC
Wavelength:	1310nm and 1550nm
Tolerance:	1310nm/1550nm: +/- 15nm
Insertion Loss:	0.4dB @ 1310nm/1550nm
Isolation:	17dB (min)
Directivity:	60dB (min)
Fibre type:	Single Mode

OC6

Optical

Connector	LC
Wavelength:	1310nm and 1550nm
Tolerance:	1310nm/1550nm: +/- 15nm
Insertion Loss:	4.2dB (max) @ 1310nm/1550nm
Isolation:	17dB (min)
Directivity:	60dB (min)
Fibre type:	Single Mode

Please note: No rears need to be specified for this card since the rear is integrated with the card. The optical components are mounted on the rear and inserted from the rear of the rack. The card element is inserted from the front in the normal way. This tells the system that the slot is occupied and identifies the type of card in the same way as active openGear cards.

**Order Information**

OC5 2 Way CWDM, no rear is required, it is supplied with this card.

OC5/D Dual 2 Way CWDM, no rear is required, it is supplied with this card.

OC6 Combo Dual 2 Way WDM+2 way opto coupler, no rear is required, it is supplied with this card.



MICHAEL STEVENS & PARTNERS LTD

INVICTA WORKS ELLIOTT ROAD, BROMLEY, KENT, BR2 9NT UK

TEL: +44 (0)20 8460 7299 Fax: +44 (0)20 8460 0499

E-MAIL: SALES@MICHAEL-STEVENSON.COM WEB: WWW.CHROMATEC.COM WEB: WWW.MICHAEL-STEVENSON.COM