

# V6703, V6703/D & V6704



## WDM/Opto Coupler.



### V6703 FEATURES

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

### V6704 FEATURES

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

The V6703 is a single 2-way multiplexer/demultiplexer designed to operate with fibre signals of 1310nm and 1550nm wavelengths. The module with 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 (V6703/D).

The modules are designed to be fitted from the front of the V1600 series racks, taking only a single slot, and although as passive devices no control or monitoring is possible, they do confirm their presence to Vistek Control Systems.

The V6704 combines the functions of 2 WDM modules and a 2-way opto-coupler on a single module. It is primarily intended for situations where 2 channels of fibre (at 1310nm & 1550nm) are to be combined into a single output fibre, and that same fibre is to be used for 2 similar channels in the reverse direction. This bidirectional 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 modules are designed to be fitted from the front of the V1600 series racks, taking only a single slot, and although as passive devices no control or monitoring is possible, they do confirm their presence to Vistek Control Systems.

## Technical Specification

### V6703

#### Optical

Connector	SC/PC
Wavelength	1310nm and 1550nm
Tolerance	1310nm/1550nm: +/- 15nm
Insertion loss	0.4dB @ 1310nm/1550nm
Isolation	17dB (min)
Directivity	60dB (min)
Fibre type	Single mode

### V6704

#### Optical

Connector	SC/PC
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

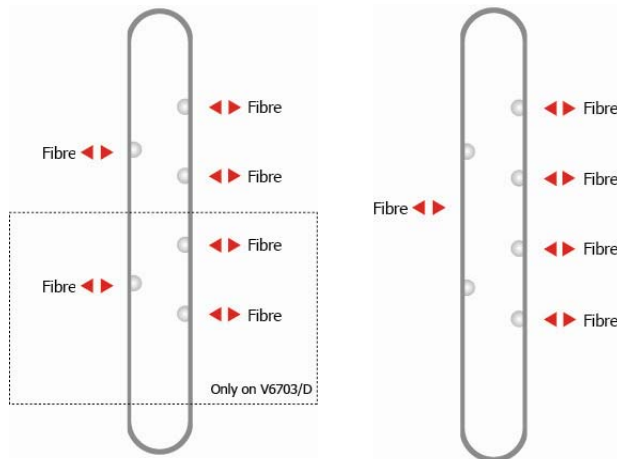
### Ordering Information

V6703	2-way WDM
V6703/D	Dual 2-way WDM
V6704	Combo dual 2-way WDM + 2-way to coupler

All Pro-Bel's quoted prices for interface modules include the supply of one suitable rear module. Please specify type required when placing order.

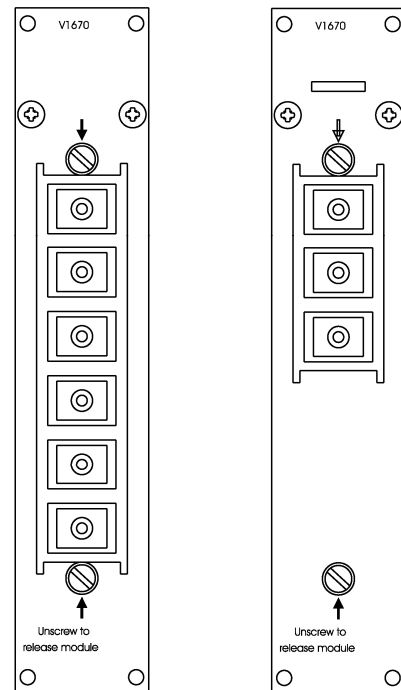
V16FR3K	3RU - 3 port for V6703
V16FR3L	3RU - 6 port for V6703/D & V6704

Note: Special versions of the rear module are available on request.



V6703 & V6703/D

V6704



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