



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 fiber
- Operates with 1310nm and 1550nm wavelengths

TWO WAY FIBRE MULTIPLEXER/ DEMULTIPLEXER



The V6703 is a single 2-way multiplexer/demultiplexer designed to operate with fiber signals of 1310nm and 1550nm wavelengths. The module will combine these 2 wavelengths into a single fiber 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 fiber (at 1310nm & 1550nm) are to be combined into a single output fiber, and that same fiber 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 fiber may be reduced without the complexity of CWDM or DWDM installations.

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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)
Fiber 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)
Fiber type	Single mode

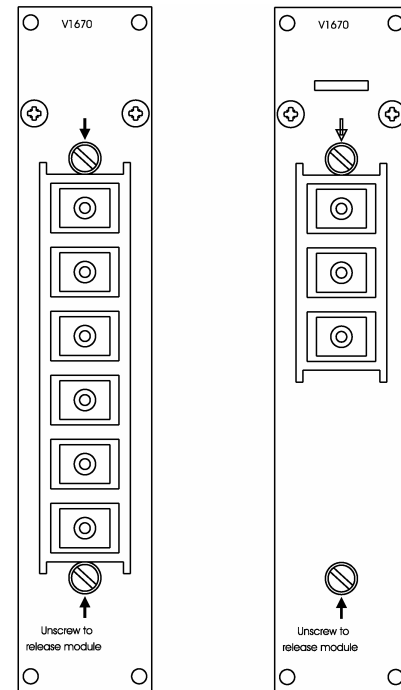
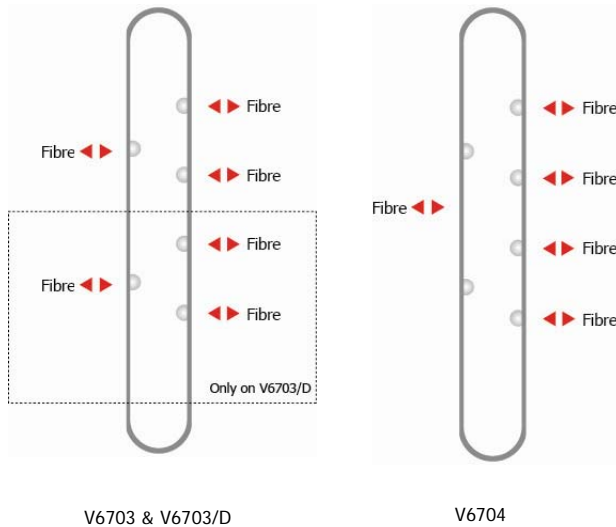
Ordering Information

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.



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