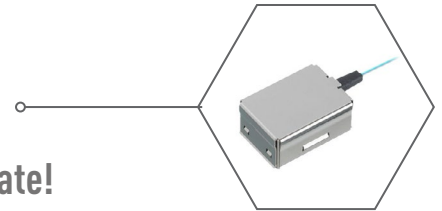


## Line Extension

# V Series

## 2 Channel Uni-Direction Active Optical Connectors

### High-Speed Optical Transmission At A 20 Mbps to 16 Gbps Transmission Rate!



Panasonic, a worldwide leader in Connector Products, is pleased to introduce a significant line extension to the V Series Active Optical Connectors. In addition to the 1 Channel Bi-Directional (20Mbps to 6Gbps) Connectors, Panasonic is releasing New 2 Channel Uni-Directional Active Optical Connectors that can transmit a signal at a much higher rate, 20 Mbps to 16 Gbps.

The existing 1 Channel Bi-Directional type is able to reverse the dual core optical fiber transfer in each direction simultaneously which makes it ideal for applications where mutual high-speed transfer is needed between connected PC boards up to 6 Gbps.

Panasonic's New 2 Channel Uni-Directional Active Optical Connectors are able to use the same dual core optical fiber in one direction which makes them ideal for high-capacity transfer applications transmitting a maximum speed of 8 Gbps for each channel or 16 Gbps altogether.

Due to their compact design, it is possible to easily integrate these Connectors into products where space is at a premium. The V Series has a vertical insertion form factor and exhibits impressive noise reduction and electrical isolation.

## Features

- High-Speed, Wide Data Rate Optical Transmission
- Built-In Laser Diode and Photodiode
- Embedded Electrical/Optical Conversion Function
- Comes With A Plug Connector
- RoHS/REACH Compliant

## Benefits

- High Speed Bi-Directional and Uni-Directional
- Easy Integration in Compact Devices
- Noise Reduction and Electrical Isolation

## Industries

- Test and Measurement
- Medical
- Robotics

## Applications

- High Speed Device Transmission
- Noise Reduction and Electrical Isolation Applications
- Measurement Equipment
- Industrial Robots
- Image Processing
- Medical Equipment
- Industrial Machinery
- Data Centers
- Production Equipment