

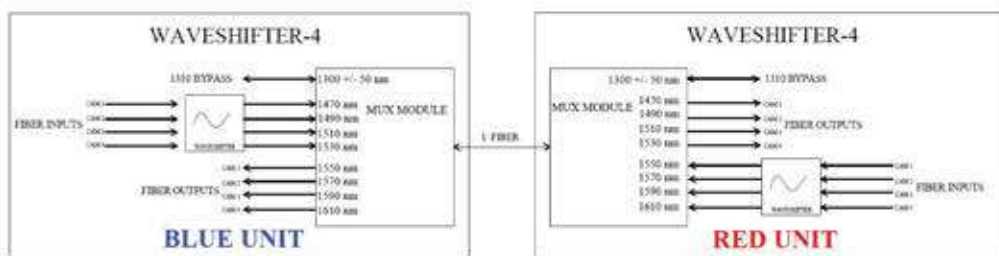
# WAVE SHIFTER 4

## Custom Fiber Transport

The Waveshifter-4 can transport up to four HD camera systems on just one single-mode fiber. This system uses optical wavelengthshifting technology to map the two fibers in standard HD cameras to wavelengths in the CDWM spectrum so that they can then be introduced into a CWDM mux.

Waveshifter-4 features a sturdy metal chassis, built-in wide-range AC power input and external backup DC power as standard. The unit also includes a 1310nm fiber bypass channel for additional fiber signals or as a backup path. Other applications include muxing four wideband optical signals from other single-mode fiber devices, such as traditional throwdowns or audio/MADI devices.

By integrating Waveshifter-4 with four Bluebell Opticom ShaxX-Lite power-insertion units, the Waveshifter-4 becomes the Waveshifter-4 + Power, a complete 6 RU custom field enclosure system for directly powering four cameras at a remote location over a single fiber.



## SPECIFICATIONS

- Throw-Down convenience
- Supports 1270-1610 nm standard inputs
- Wide data range 3G STD 10G/12G Optional
- Input level status LED's
- Standard ST connectors (SC or LC also available)
- Ruggedized enclosure
- Wide range 85-240v power supply with external DC option
- Direct 1310 nm bypass fiber channel between units for additional source capability

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