



## FiDO-R-MM

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FiDO-R-MM offers unmatched flexibility and cost efficiency for 3G-SDI Fiber conversion, allowing for cable runs up to 700 m (2296 ft) for OM4 and 300 m (984 ft) for OM3 for Multi-Mode\* fiber optic cables - useful for eliminating ground loop problems.

FiDO converters use a compact, low-profile enclosure that works well in tight spaces around and behind equipment racks, trucks and on camera.

<https://www.aja.com/products/fido-r-mm>

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### Video Formats

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- 150 Mbps - 3 Gbps, format agnostic

### Video Input Digital

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- 1-channel Multi-Mode LC Fiber Input, SMPTE-297
- Nominal Wavelength: 850 nm
- Optical Sensitivity: -15dBm (min)
- Overload: 0dBm

### Video Output Digital

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- 1-channel Dual matching 3G-SDI BNC Outputs, SMPTE-259/292/424

### Reclocking

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- 270 Mbps, 1.483 Gbps, 1.485 Gbps, 2.966 Gbps, 2.970 Gbps - Auto Select
- All other rates are passed through and not reclocked

### Size (w x d x h)

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- 4.6" x 1.71" x .85" (117 x 43.5 x 21.6mm)

### Weight

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- 0.5 lb (0.3 kg)

### Power

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- 2 watts max
- Uses 5-20VDC power (AJA power supply model DWP-U-R1 included)

### Environment

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- Safe Operating Temperature: 0 to 40 C (32 to 104 F)
- Safe Storage Temperature (Power OFF): -40 to 60 C (-40 to 140 F)
- Operating Relative Humidity: 10-90% noncondensing
- Operating Altitude: <3,000 meters (<10,000 feet)