

Connectivity Solutions

Rugged LC (RLC) Connector

- Rugged 2-fiber LC for single-mode or multi-mode fiber
- Cost effective solutions using standard LC termination
No special tooling required
- IP-68 rated. Durable polymer housing protects against moisture, dirt, dust and chemical contaminants
- Suitable for cable OD from 5 to 8 mm
- Custom-built cable assemblies are available



RLC Cable Connector



RLC Bulkhead Connector

Secure LC (SLC) and SC Secure (SCS) Connectors

- Tamper-proof locking design with keyed extraction tools
- Locks to all standard LC duplex or SC simplex passive or active ports
- 8 unique colors to prevent unauthorized network changes
- Compact duplex LC design for highest density patching applications
- For secure physical layer control in highly sensitive networks
- Available with RFID tagging for asset management
- Secure LC patents and SCS patents pending



Secure LC



Secure SC

Secure CAT6 and CAT6E Connector System (SRJ)

- Compatible with all flush and most recessed industry standard RJ-45 ports in electronic equipment, patch panels and jacks
- Locking mechanism can only be released with matching-color extraction tool
- 8 colors available to reserve, identify and secure network ports
- Transparent housing allows Status LED visibility on active equipment
- Port blockers prevent unauthorized access to ports
- Available in UTP and shielded



Secure Cat6

Extraction Tools



Port Blockers

Expanded Beam Technology

- Ultra rugged connectors and harnesses for harsh environments
- Ideal for field deployment – minimal cleaning
- Hermaphroditic housing – no adapters required
- 1 to 4 fibers, singlemode or multimode
- Repeatable performance



Expanded Beam Connector

Normal Through Optical Switch (NTOS)

- Ultra high density duplex channels
- Duplex LC or Simplex SC industry standard interfaces (patents pending)
- Single-mode and Multi-mode versions
- Low insertion loss
- Excellent reliability - Completely passive device



Simplex SC Patchjack



Normal Through Optical Switch Panel



Duplex LC Patchjack

**Advanced
Fiber
Products**

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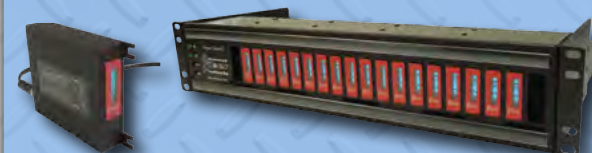
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Enhanced Video & Connectivity Solutions

**Advanced
Fiber
Products**

FEATURED

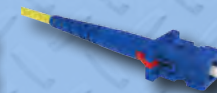


SuperChassis
Module Caddy

SuperChassis –
HD SDI, GigE & CWDM Modules



RunGear Quad
for Video



Secure SC
Connector

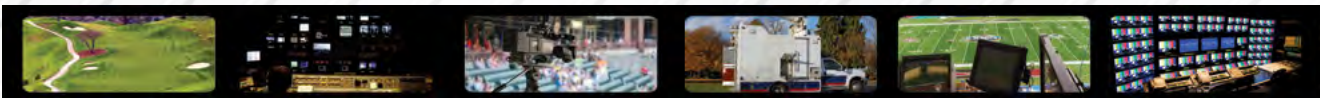


Rugged LC Connector
& Bulkhead Adapter

RunGear and Trays –
Video, IFB, Audio, Intercom

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Extend Distance, Multiplex and Convert Formats with Fiber

Enhanced Video Solutions

Coax to Fiber Video Media Converters (MC2 or MVMC)

- SMPTE 3G/HD/SD up to 2.97 Gbps
- Extend distance up to 10 km at 3G-SDI
- CWDM Laser Transmitters available



MC2 Series
3G-SDI BNC-ST Converters

MVMC Series
3G-SDI BNC-LC Converters

Video Media Distribution Amplifier (VMDA)

- SMPTE 3G/HD/SD up to 2.97 Gbps
- Extend distance up to 10 km at 3G-SDI
- Ethernet port to control modes remotely (optional)
- 6 User-Selectable Modes
 1. Fiber IN: 1-Fiber and 6-Coax OUT
 2. Coax IN: 1-Fiber and 6-Coax OUT
 3. Coax IN: 1-Fiber OUT; Fiber IN: 6-Coax OUT
 4. Fiber IN: 4-Coax OUT; Coax IN: 2-Coax and 1-Fiber OUT
 5. Coax IN: 4-Coax OUT; Fiber IN: 2-Coax and 1-Fiber OUT
 6. Coax IN: 6-Coax OUT; Fiber IN: 1-Fiber OUT



VMDA Series

RunGear Quad Box with Battery Mount for 4 MC2 Video Converters (RGQ)

- Up to 4 channels in user configurable Directions
- 4-fiber or CWDM 1-fiber options
- 20 hours typical run time with 160 watt-hour battery



RGQ Series

SuperChassis Converter Module Racks (SC Series)

- Modular 2RU platform with 20 powered slots for 3G/HD-SDI video, GigE Ethernet and CWDM Mux Modules
- SM-to-MM wavelength conversion, HDMI and more media converters coming
- 5 and 10-slot table top options available
- Redundant hot-swappable power supplies
- NTOS Patch Jacks can be used in any slot
- Powered Caddy is available for individual modules

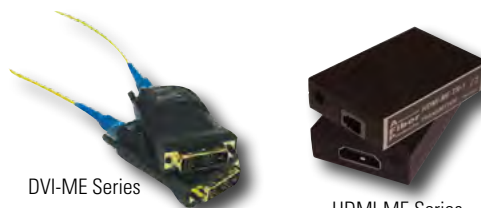


SC Series

SCCDY Series

DVI Extenders (DVI) and HDMI Extenders (HDMI)

- DVI data single link to WUXGA (1920 x 1200). Up to 1000m on SM fiber, 500m on MM fiber. 1-fiber (SC) and 2-fiber (2x LC) models available. Self-EDID manual programming from display.
- HDMI: Up to WUXGA (1920x1200) 60Hz or 1080p. Up to 300m on 1 MM fiber with LC connector. Complies with CEC, HDCP & EDID over fiber.

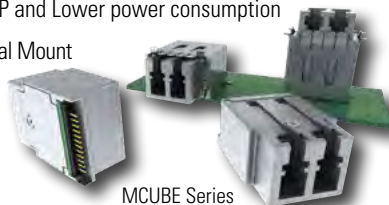


DVI-ME Series

HDMI-ME Series

Miniature Video Transceivers (MCUBE)

- SMPTE 3G/HD/SD up to 2.97 Gbps and CWDM options
- Half the size of SFP and Lower power consumption
- Vertical or Horizontal Mount and Hot pluggable
- Patent Pending



MCUBE Series

8-Camera Mux for Proprietary Signals (RGT-MX)

- Multiplexes up to 8 cameras with proprietary encoded 4.5 Gbps signals for 3G video and control such as Grass Valley LDX80 or LDK 8000 Elite cameras and fiber adapters over one SM fiber. Contact AFP for other camera manufacturers.



RGT-MX Series

Multi-Signal Portable Gear (RUNGEAR)

- Aggregate and extend distance for 3G/HD/SD digital video, intercom, audio, VOIP, Ethernet and more via fiber
- Portable case with battery mount or rack mount trays
- Contact AFP for other signal options



RUNGEAR VIA Series

ProAV Fiber Extenders and Format Converters (ProAV)

- Convert from 1 format to another over fiber
Formats: Component Video, S-Video, VGA, 3G/HD SDI, DVI
- Extend distance to 2,000m over 2 LC singlemode fibers or to 500m over two LC multi-mode fibers



ProAV Fiber Extenders and Format Converters

NOTE: Specifications and configurations may change. Please contact AFP for current product specifications.

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