



Bexel Fiber Optic Solutions - Optical Cable Assemblies

The seasoned engineers at Bexel Fiber Optic Solutions are specialists at manufacturing light weight tactical fiber optic cable assemblies. Used and deployed by the military in harsh production environments, tactical fiber utilizes a tough outer jacket and internal Kevlar construction to protect the fiber strands.



Tactical Fiber and Reels - Proven reliability, light weight and perfect for field broadcast production. Custom colors and labeling available.

Connectors - Bexel's fiber optic experts can terminate and repair connectors from multiple manufactures including, Lemo, Stratos, Delphi and Stran-Technologies 4, 6, 8 and 12 channel hermaphroditic. We also terminate standard ST, SC, SC/APC, FC/APC with either a PC or UPC polish. Because we stock and perform our own work we typically can turn around cable assemblies to meet your time-sensitive schedule.



SMPTE 311M Solutions

Bexel Fiber Optic Solutions stocks and manufactures a complete line of SMPTE 311M style connectors from LEMO and other manufacturers. Throw-down cables, breakouts, bulkhead and modular systems are also available. Bexel Fiber Optic technicians can also install complete SMPTE solutions, on-site, at your facility. We use state-of-the art machine polishing and testing equipment to assure that each cable meets SMPTE specifications. We also stock replacement parts including caps and alignment sleeves.



Interface Solutions - Bexel Fiber Optic Solutions offers a complete line of patching and interface products and solutions, including custom patch panels, breakout boxes for multi-channel SMPTE cable and racks / enclosures for any environment. This is not an 'off-the-shelf' quick fix – with Bexel Fiber, you get custom patch equipment designed by broadcast professionals for broadcast facilities, stadiums, arenas and other venues.

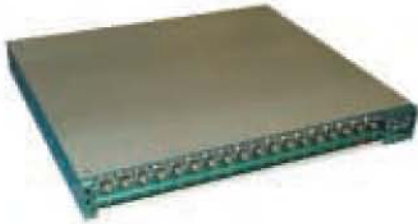


New Equipment Sales

Bexel Fiber Optic Solutions offers a complete line of optical broadcast equipment for field and studio production from manufacturers like Evertz, Stratos, Telecast and others. Product sales are influenced by two factors – The proven technical leaders from our rental inventory and the fact that we have over a decade of practical experience in broadcast optical technology.

STRATOS

Introduced recently from Stratos Lightwave, these all digital media converters and media racks are excellent solutions for the transmission of SMPTE 292M/297M/305M/310M applications with a data rate up to 1.485Gbps. The media converters miniature profile is ideal in the stand-alone application, making it a great resource for driving HD plasma monitors, projectors and other HD feeds. An SDI version is also available.



MEDIA RACK

The media rack allows up to 18 media converters to be combined in one rack with redundant power supplies and full digital diagnostic monitoring of each VMC.



VMC

The small size of VMC allows direct connection to the equipment or bulk head panel. No need for additional jumpers.



Telecast's POV (point-of-view) line of fiber optic video/audio/data transceiver modules are the perfect acquisition and transport systems for your high quality robotic cameras - Analog or HD/SDI.

• Return video for monitor return or genlock/tri-level sync. • Audio channels in both directions.

• GPI closures and duplex data paths for camera control • PTZ and machine control • Transceivers available as stand-alone "throw-down" modules or as a 2-slot wide rack mount module for the Viper II frame



SHED: "SMPTE Hybrid Elimination Device". A small adapter that allows you to eliminate bulky hybrid wire/fiber cables and use ordinary single mode optical fiber for your HD (and slow-motion) camera links. To locally power your camera, use two small adapters - one at your base station and one at your camera - or, use the HDX unit to power the camera through the hybrid tail cable. With SHED units you can support several cameras on one lightweight fiber cable.



Bexel Fiber Optic Solutions offers a complete line of test equipment for optical components including, power meters, visual light sources and return loss test sets. We also provide adapters and test cables for all meters and test equipment including SMPTE (LEMO and Canare) connectors.



Service and Maintenance

Bexel Fiber Optic Solutions services all of the products in our sales catalogue - and many other products that we don't even carry. We are proud of our 24/7/365 commitment to emergency service - any time, anywhere in the world. We have the equipment, tools and technical know-how to repair your optical cables at your facility or ours – or, on-site / production-in-the-field repair and maintenance of all types of cable assemblies, including Military and SMPTE (Lemo and Canare).

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214.946.5051

www.bexel.com