




FIBER OPTIC SOLUTIONS AND DEPLOYMENT



The background of the entire page is a close-up photograph of a bundle of fiber optic cables. The cables are illuminated from below, creating a bright, starburst-like effect with many small, glowing points of light. The light is primarily purple and blue, with some white highlights where the light is most intense. The cables themselves are thin and dark, creating a dense, textured appearance.

Bandwidths and data rate demands are changing the landscape for broadcasters and related industries such as Audio/Visual, production, and post-production. These environments are quickly transitioning to fiber optic infrastructures which include video transport, datacom, KVM, GPON, storage, archive, and data center requirements.

We focus our energy on helping customers transition smoothly to these fiber environments. Shattuc's guidance can introduce you to solutions, topologies, and approaches that can save time and money. These infrastructures have the added benefits of scalability and future-proofing.

i WHEN DEPLOYING FIBER, KNOWLEDGE IS POWER

ANSWERING IMPORTANT QUESTIONS

- ❓ Multi-mode or Single-mode?
- ❓ Single Mode UPC or Single Mode APC?
- ❓ OM3, OM4, OM5, OS2?
- ❓ Simplex or Duplex?
- ❓ MPO/MTP or Standard Feed-through Adapters? Connector Types?
- ❓ 10G, 40G or 100G?
- ❓ Appropriate Topologies?

INSTALLATION RECOMENDATIONS

- ✅ Cable Distribution and Management Including Slack Storage, Splice Trays, etc.
- ✅ Bend Radius Protection
- ✅ Scalable Designs
- ✅ Deployment Recommendations (Speed & Ease)
- ✅ Termination Strategies
- ✅ Direct, Interconnect and Cross-Connect Deployments



ADVANTAGES OF FIBER

- Distance
- Bandwidth (Do More on Fiber)
- Physical Size & Density
- Isolation from Interference
- Lower Maintenance Costs
- Migration Path
- Future-proofing

CONNECTIVITY: APPLICATIONS

- IP for Broadcast Facilities
- Editorial
- KVM
- SMPTE 304/311
- SMPTE Breakout Modules
- Transporting Video Over Distances
- 4k, 8k & Beyond

CALL TOLL FREE: 866.SHATTUC | MAIN: 847.360.9500 | FAX: 847.360.9599 | info@shattuc.com | www.shattuc.com

Shattuc is your **one-stop-shop** for fiber connectivity requirements. We can help with planning, design, and deployment. For more information, please contact your Shattuc sales representative.

SHATTUCTM
CORD SPECIALTIES, INC.

 **TOLL FREE:** 866.SHATTUC
 **MAIN:** 847.360.9500
 847.360.9599
 info@shattuc.com
 www.shattuc.com