

Introduction to Fiber Cable Assemblies

FiberDeep® and Cable Assemblies

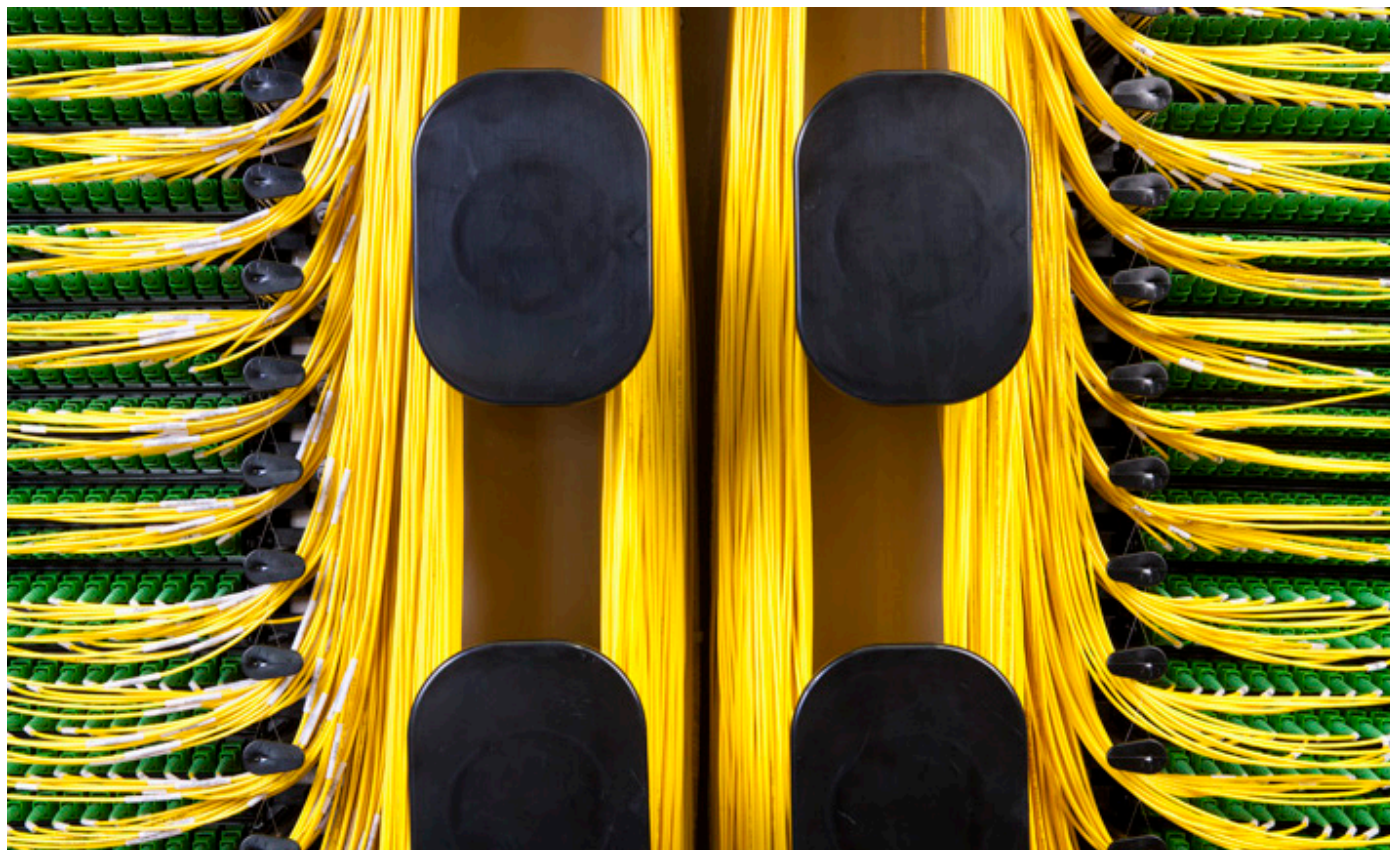


Combining 40+ years of experience from its founding members, Clearfield® designs and manufactures fiber optic cable assemblies for virtually any application. Our connectivity expertise, coupled with a personalized approach, gives our customers a level of service and quality that outperforms all other manufactures.

FiberDeep®, a guaranteed 0.2 dB loss, half that of the industry standard, is available on every singlemode simplex and duplex fiber optic patch cord and ribbon fan-outs deployed within the Clearview® Cassette. Our FiberDeep cable assemblies improve your fiber network's performance while reducing the cost of deployment. No matter what kind of traffic your network carries, the success of your business comes down to the quality of your cable plant.

Simply the best patch cords around, Clearfield offers cable assemblies in custom and standard lengths, ranging from simple multimode and singlemode patch cords, to some of the most complex assemblies for inside and outside plant environments, including distribution cable, OSP breakout-style, drop cable and drop node assemblies. Automated polishing processes ensure precise control of polish radius, apex offset and fiber undercut. Our process engineers have perfected termination techniques for all types of specialty cable designs, including ribbon fiber, high-fiber counts and ruggedized cables. We support all industry standard connector types, including the industry's latest hardened fiber optic connectors (HFOC).

Clearfield cable assemblies are used in the most demanding environments, from global manufacturing to emerging communications. Clearfield fiber optic cable assemblies exceed industry standards for insertion loss and return loss performance. Our controlled design processes pay strict attention to cable prep, termination and epoxy curing along with tight end-face geometries. Our cleanliness is second to none. We can design and manufacture fiber optic cable assemblies for almost any application, meeting your requirements for cost, performance, reliability and rapid delivery.



Patch Cords



Assemblies

Inspect and clean EVERY connector BEFORE inserting into adapter. See page 161 for Cleaning Kits.