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Ranking of manufacturers of optical cable plastic accessories



Overview

Plastic Optical Fiber (POF) is a type of fiber optic cable that uses polymer as the medium for light transmission instead of glass.

Key Takeaways

The top manufacturers of fiber optic accessories, including plastic components, are led by Corning, CommScope, TE Connectivity, Amphenol, and Furukawa Electric.Top 10 Manufacturers (2026)
• Corning Incorporated – A pioneer in optical fiber technology, Corning produces a wide range of fiber infrastructure products, including connectors, patch panels, and cable management systems. Its expertise in materials science ensures high reliability for telecom and data center networks .

• CommScope – Offers a comprehensive fiber connectivity portfolio, including adapters, fiber frames, patch panels, and distribution systems, serving global telecom and enterprise networks .

• TE Connectivity – Specializes in fiber optic connectors, adapters, and network components, with strong R&D capabilities to support complex deployments .

• Amphenol – Provides a broad range of fiber optic accessories, including plastic connectors and closures, widely used in industrial and telecom applications .

• Furukawa Electric – Known for high-quality fiber optic components and plastic accessories, supporting both domestic and international network infrastructure .

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• YingFeng Communication – A Chinese manufacturer offering a full ecosystem of fiber optic accessories, including plastic components for distribution and protection .

• Sumitomo Electric – Produces connectors, closures, and distribution boxes, with a focus on reliability and long-term performance .

• HUBER+SUHNER – Offers fiber optic connectors, adapters, and closures, emphasizing precision engineering and durability .

• AFL Global – Manufactures fiber optic cables, connectors, and plastic accessories, serving telecom, industrial, and utility sectors .

• YOFC (Yangtze Optical Fibre and Cable) – Provides a wide range of fiber optic products, including plastic components for network connectivity and protection .

Additional Notable Suppliers

• OFS – Specializes in optical fiber, cable, and connectivity solutions, including plastic optical fibers for short-distance applications .

• Fujikura Europe Ltd – Offers plastic optical fibers and assemblies, certified to RoHS2 and REACH standards .

• Anfkom Telcom – Produces plastic optical fiber components for automotive and medical applications .

Key Considerations

When selecting a manufacturer of plastic optical cable accessories, consider:

• Product Range: Companies offering a complete ecosystem of connectors, adapters, closures, and distribution products are better suited for complex networks.

• Global Supply and Scale: Large manufacturers can reliably supply millions of components monthly.

• R&D and Testing: Dedicated research and testing ensure long-term reliability and compliance with industry standards.

• Specialization: Some manufacturers focus on plastic optical fibers for short-distance or specialized applications, such as automotive or medical sectors . This ranking provides a clear overview of the leading global suppliers of fiber optic plastic accessories, helping businesses identify reliable partners for network deployment and maintenance.

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