

TiniFiber® Indoor/Outdoor Non-Armored Premise Fiber Optic Cable

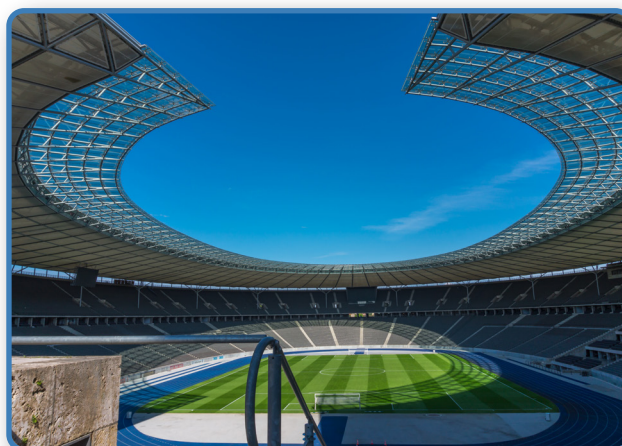


TiniFiber, your trusted source for all fiber optic cable needs – superior, smaller, stronger and now available, high fiber count indoor loose tube and ribbon cables!

Key Features

Reliability in Demanding Indoor & Outdoor Environments

- ⦿ Designed for hybrid deployments spanning outdoor plant, building entry points, and indoor pathways (telecom rooms, risers, trays, conduits, ceilings, underfloor routing, and exterior ducts)
- ⦿ Cable constructions designed to withstand environmental exposure (temperature variation, moisture, UV exposure where applicable) as well as installation stress (pulling, bending, and routing through tight pathways)
- ⦿ Offered in configurations intended to support code-compliant indoor/outdoor deployments, including solutions suitable for common building fire-safety and transition zone requirements



Operational Efficiency & Savings

- ⦿ Lightweight, flexible designs to support easier routing through both outdoor conduit systems and crowded indoor pathways
- ⦿ Options that support typical deployment methods such as campus backbone runs, building entrance cabling, riser transitions, horizontal distribution, patching, cross-connects, and equipment interconnects
- ⦿ Pre-terminated bulk cable and cable assemblies available to reduce field terminations, speed deployment, and improve consistency across indoor and outdoor segments
- ⦿ Long-term savings through reduced rework and maintenance, enabled by durable constructions and simplified installation practices

Scalability & Future-Proofing

- ⦿ Available in a wide range of fiber counts (e.g., 12 to 864 fibers) to accommodate campus, backbone, and building-level network needs
- ⦿ Multimode options (e.g., OM1, OM2, OM3, OM4, OM5) for short-range, high-bandwidth indoor links
- ⦿ Singlemode options (e.g., OS2 bend-insensitive) for extended reach across campuses and long-distance outdoor backbone connectivity
- ⦿ Ability to tailor solutions to specific campus layouts, pathway constraints, density requirements, and growth plans

Plenum Indoor/Outdoor cable range shown, other cable types, configurations, fiber counts and fiber types (OM3, OM4 etc...) available upon request.

Non-Armored Loose Tube Plenum I/O:

Part Number #	Max Reel	Jacket Material and OD	Weight (kg/km)
NA12-OS2-PLO	3 KM	Plenum-UV, 9.5±0.3 mm	70±5%
NA24-OS2-PLO	3 KM	Plenum-UV, 9.5±0.3 mm	70±5%
NA48-OS2-PLO	3 KM	Plenum-UV, 10.1±0.3 mm	81±5%
NA72-OS2-PLO	3 KM	Plenum-UV, 10.1±0.3 mm	81±5%
NA96-OS2-PLO	3 KM	Plenum-UV, 11.2±0.3 mm	110±5%
NA144-OS2-PLO	3 KM	Plenum-UV, 14±0.3 mm	160±5%
NA288-OS2-PLO	3 KM	Plenum-UV, 15.6±0.3 mm	195±5%
NA432-OS2-PLO	3 KM	Plenum-UV, 17.6±0.3 mm	210±5%
NA576-OS2-PLO	3 KM	Plenum-UV, 19.0±0.3 mm	305±5%
NA864-OS2-PLO	2 KM	Plenum-UV, 20.5±0.3 mm	300±5%

Armored Steel Tape - Loose Tube Plenum I/O:

Part Number #	Max Reel	Jacket Material and OD	Weight (kg/km)
ST432-OS2-PLO	2 KM	Plenum-UV, 17.5±0.5 mm	350±10%
ST576-OS2-PLO	2 KM	Plenum-UV, 20.5±0.5 mm	365±10%
ST864-OS2-PLO	2 KM	Plenum-UV, 22.2±0.5 mm	410±10%

Rollable Ribbon - Non-Armored Loose Tube Plenum I/O:

Part Number #	Max Reel	Jacket Material and OD	Weight (kg/km)
NA144RR-OS2-PLO	3 KM	Plenum-UV, 12.0 mm	111
NA288RR-OS2-PLO	3 KM	Plenum-UV, 14.1 mm	150
NA432RR-OS2-PLO	3 KM	Plenum-UV, 15.5 mm	185
NA576RR-OS2-PLO	3 KM	Plenum-UV, 16.9 mm	203
NA864RR-OS2-PLO	3 KM	Plenum-UV, 20.3 mm	281

Rollable Ribbon - Armored Steel Tape Loose Tube Plenum I/O:

Part Number #	Max Reel	Jacket Material and OD	Weight (kg/km)
ST432RR-OS2-PLO	2 KM	Plenum-UV, 18.0 mm ±10%	298±10%
ST576RR-OS2-PLO	2 KM	Plenum-UV, 19.2 mm ±10%	315±10%
ST864RR-OS2-PLO	2 KM	Plenum-UV, 21.8 mm ±10%	351±10%



Patent notice: "TiniFiber® products are protected by patents in the United States and other jurisdictions (countries). This list is not exhaustive, and additional TiniFiber® products not specifically enumerated herein may also be subject to patent protection - <https://tinifiber.com/patent-notices/>