

# TiniFiber® Outside Plant Fiber Optic Cable



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

## Key Features

### Reliability in Any Environment

- ⦿ Designed to withstand harsh environmental conditions (underground duct, rain, UV exposure, temperature)
- ⦿ Robust outer jackets with or without steel tape armor for protection against physical damage and chemical exposure during installation
- ⦿ Designed in accordance with industry standards (e.g., Telcordia, GR-20, ANSI/TIA-568.4 D) for performance and safety
- ⦿ Compliance with local building codes and environmental regulations



### Operational Efficiency & Savings

- ⦿ Lightweight and flexible designs facilitate easier handling and installation
- ⦿ Solutions available that are compatible with typical installation methods (e.g., aerial, underground duct, direct burial)
- ⦿ Options for pre-terminated bulk cable or cable assemblies to speed up deployment
- ⦿ Long-term savings on maintenance and operational costs due to durability and efficiency

### Scalability & Future-Proofing

- ⦿ Available in various fiber counts (e.g., 12 to 864 fibers) and to accommodate different network needs
- ⦿ OM1, OM2, OM3, OM4 or OM5 multimode fibers for short-range applications (e.g., within campus buildings)
- ⦿ OS-2 bend insensitive singlemode fibers for long-distance connections between buildings or data centers
- ⦿ Ability to tailor solutions for specific campus layouts and requirements

**These features make TiniFiber's outside plant fiber optic cables an excellent choice for campuses in healthcare, higher education, and data centers, providing robust, high-performance connectivity solutions.**

**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-notice/>

Contact us for pricing and availability on all cables, including custom and hybrid designs.

## Non-Armored Loose Tube OSP:

| Part Number # | Max Reel | Jacket Material and OD | Weight (kg/km) |
|---------------|----------|------------------------|----------------|
| NA12-OS2-OSP  | 3 KM     | HDPE, 9.5±0.3 mm       | 70±5%          |
| NA24-OS2-OSP  | 3 KM     | HDPE, 9.5±0.3 mm       | 70±5%          |
| NA48-OS2-OSP  | 3 KM     | HDPE, 10.1±0.3 mm      | 81±5%          |
| NA72-OS2-OSP  | 3 KM     | HDPE, 10.1±0.3 mm      | 81±5%          |
| NA96-OS2-OSP  | 3 KM     | HDPE, 11.2±0.3 mm      | 110±5%         |
| NA144-OS2-OSP | 3 KM     | HDPE, 14±0.3 mm        | 160±5%         |
| NA288-OS2-OSP | 3 KM     | HDPE, 15.6±0.3 mm      | 195±5%         |
| NA432-OS2-OSP | 3 KM     | HDPE, 17.6±0.3 mm      | 210±5%         |
| NA576-OS2-OSP | 3 KM     | HDPE, 19.0±0.3 mm      | 255±5%         |
| NA864-OS2-OSP | 2 KM     | HDPE, 20.5±0.3 mm      | 300±5%         |

## Armored ST - Loose Tube OSP:

| Part Number # | Max Reel | Jacket Material and OD | Weight (kg/km) |
|---------------|----------|------------------------|----------------|
| ST12-OS2-OSP  | 3 KM     | HDPE, 11.2±0.5 mm      | 160±10%        |
| ST24-OS2-OSP  | 3 KM     | HDPE, 11.2±0.5 mm      | 160±10%        |
| ST48-OS2-OSP  | 3 KM     | HDPE, 11.2±0.5 mm      | 160±10%        |
| ST72-OS2-OSP  | 3 KM     | HDPE, 11.2±0.5 mm      | 160±10%        |
| ST96-OS2-OSP  | 3 KM     | HDPE, 11.2±0.5 mm      | 195±10%        |
| ST144-OS2-OSP | 2 KM     | HDPE, 17.5±0.5 mm      | 240±10%        |
| ST288-OS2-OSP | 2 KM     | HDPE, 17.5±0.5 mm      | 285±10%        |
| ST432-OS2-OSP | 2 KM     | HDPE, 20.5±0.5 mm      | 350±10%        |
| ST576-OS2-OSP | 2 KM     | HDPE, 20.5±0.5 mm      | 365±10%        |
| ST864-OS2-OSP | 2 KM     | HDPE, 22.5±0.5 mm      | 410±10%        |

## Rollable Ribbon - Non-Armored Loose Tube OSP:

| Part Number #   | Max Reel | Jacket Material and OD | Weight (kg/km) |
|-----------------|----------|------------------------|----------------|
| NA144RR-OS2-OSP | 3 KM     | HDPE, 15.4 mm          | 161            |
| NA288RR-OS2-OSP | 3 KM     | HDPE, 15.6 mm          | 182            |
| NA432RR-OS2-OSP | 3 KM     | HDPE, 17.8 mm          | 208            |
| NA576RR-OS2-OSP | 3 KM     | HDPE, 17.6 mm          | 195            |
| NA864RR-OS2-OSP | 3 KM     | HDPE, 20.2 mm          | 267            |

## Non-Armored Rollable Ribbon PLO

| 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            |

**Other cable types, configurations, fiber counts and fiber types (OM-3, OM4 etc...) available upon request.**

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