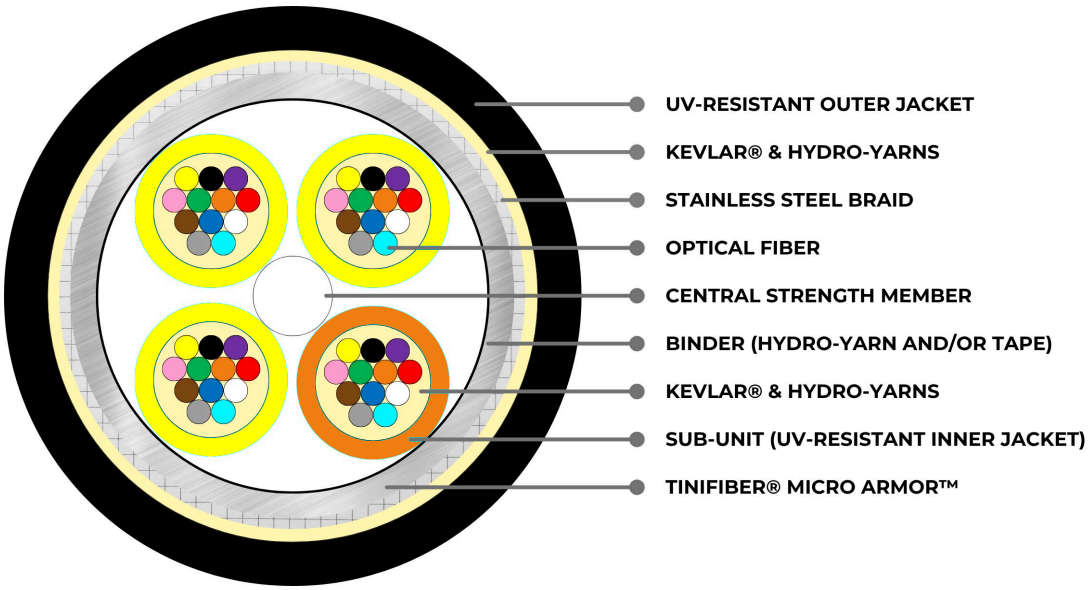
# Part Number: TFH48-36OS2-12OM1-RIO - 2
## 48 Strand, 4x12f, TiniFiber® Micro Armor™ + Steel Braid, Singlemode OS2, Multimode OM1, RISER UV, BLACK, Riser, Indoor Outdoor Premise, Duct, Conduits, and Patch




## General Specifications

| | |
|---|---|
| **P/N** | TFH48-36OS2-12OM1-RIO - 2 |
| **Application and Uses** | Indoor Outdoor Premise, Duct, Conduits, and Patch |
| **Outer Jacket Specifications / Color** | RISER UV \| BLACK |
| **Fiber Category** | Singlemode OS2 \| Multimode OM1 |
| **Fiber Type** | |
| **Fiber Count / Grouping** | 48 Strand \| 4x12f |
| **Construction** | |
| **Maximum Attenuation** | ≤0.36 dB/KM @ 1310nm \|≤0.23 dB/KM @ 1550nm / 3.5 dB/km @ 850 nm \| 1.5 dB/km @ 1300 nm |
| **Core/Cladding** | |
| **Water Block** | Yes |
| **Armor** | TiniFiber® Micro Armor™ + Steel Braid |
| **Maximum Tensile Strength (Dynamic \| Static)** | 1200 N \| 500 N |
| **Maximum Crush Resistance (Dynamic \| Static)** | 30 kN/m \| 8 kN/m |
| **Minimum Bend Radius (Dynamic \| Static)** | 20D \| 10D |
| **Nominal Outer Diameter** | 10.5±0.5 mm |
| **Cable Weight** | 131 kg/km (~88 lbs/kft) |
| **Installation Temperature** | 0 to 60 °C (32 to 140 °F) |
| **Operation Temperature** | -15 to 60 °C (5 to 140 °F) |



1180 ROUTE 109 | Lindenhurst, NY 11757 | 1(800)-396-0142 | sales@tinifiber.com

| | |
|---|---|
| **Storage Temperature** | -15 to 60 °C (5 to 140 °F) |
| **Standards** | Telcordia GR-20, TIA-568.3, ICEA-S-104-696 |
| **Conductor Count** | |
| **Conductor Gauge** | |
| **Conductor Type** | |
| **Conductor Outer Jacket Material** | |
| **Conductor Color Code** | |
| **Patent Number** | https://tinifiber.com/patent-notices |



1180 ROUTE 109 | Lindenhurst, NY 11757 | 1(800)-396-0142 | sales@tinifiber.com