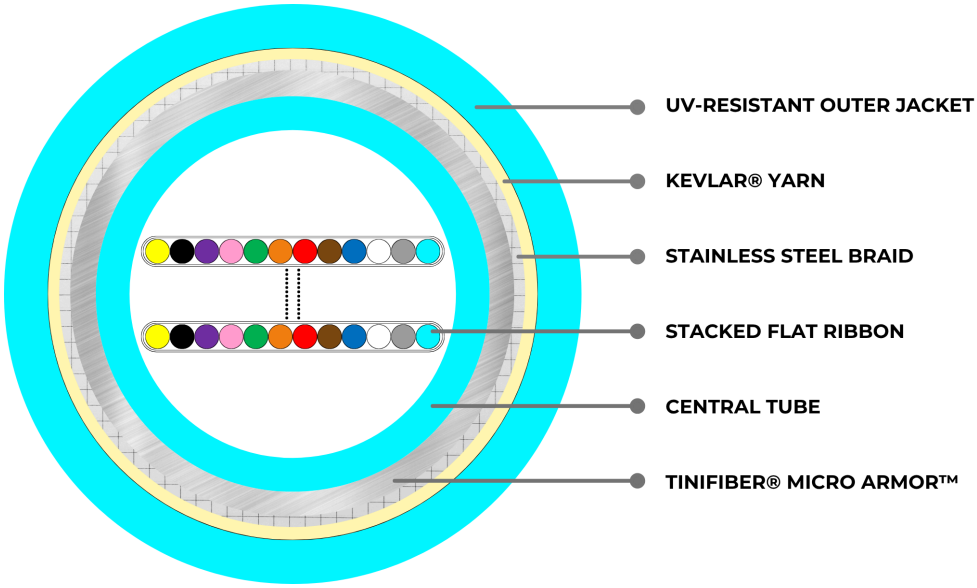
# Part Number: TF144R-OM4-PLO.AQ - 2
# 144 Strand, TiniFiber® Micro Armor™ + Steel Braid, Multimode OM4 50/125, 250 µm Central Tube Flat Stacked Ribbon, PVC, Plenum UV, Aqua, Indoor/Outdoor Premise, Duct, Conduits, and Patch




## General Specifications

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|---|---|
| **P/N** | TF144R-OM4-PLO.AQ - 2 |
| **Application and Uses** | Indoor Outdoor Premise, Duct, Conduits, and Patch |
| **Outer Jacket Specifications / Color** | PLENUM-UV \| AQUA |
| **Fiber Category** | Multimode OM4 50/125 |
| **Fiber Type** | |
| **Fiber Count / Grouping** | 144 Strand \| 12x12f Flat Ribbon |
| **Construction** | |
| **Maximum Attenuation** | ≤3.0 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)** | 800 N \| 600 N |
| **Maximum Crush Resistance (Dynamic \| Static)** | 20 kN/m \| 6 kN/m |
| **Minimum Bend Radius (Dynamic \| Static)** | 20D \| 10D |
| **Nominal Outer Diameter** | 13.0±0.5 mm |
| **Cable Weight** | 177 kg/km (~119 lbs/kft) |
| **Installation Temperature** | -10 to 60 °C (14 to 140 °F) |
| **Operation Temperature** | -15 to 60 °C (5 to 140 °F) |
| **Storage Temperature** | -15 to 60 °C (5 to 140 °F) |



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|---|---|
| **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 |



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