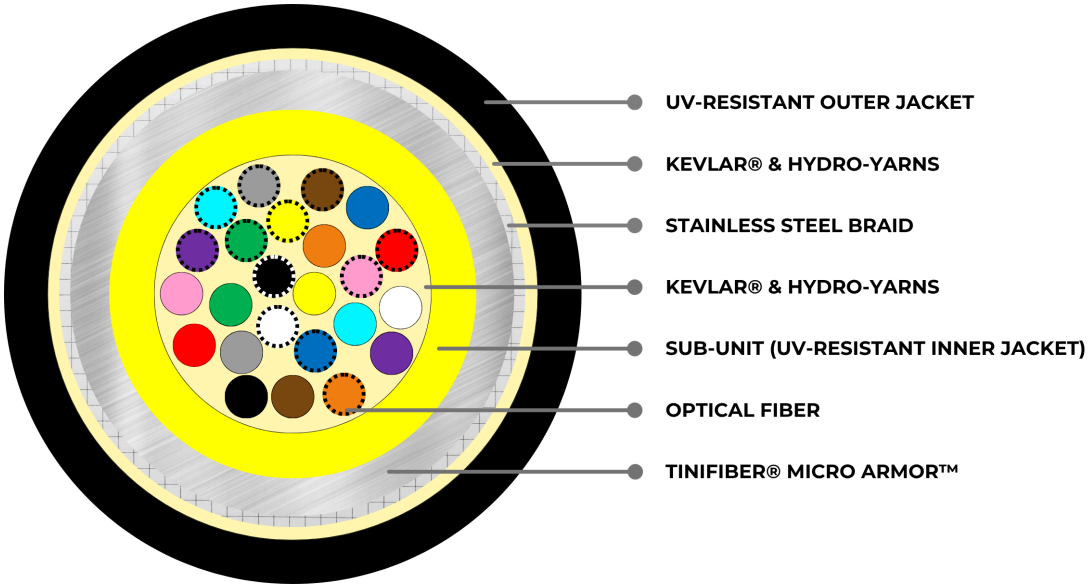
# Part Number: TF24-OS2-PU5.0 - 2
# 24 Strand, 1x24f, TiniFiber® Micro Armor™ +Steel Braid, Singlemode OS2 9/125, Thermoplastic Polyurethane, BLACK, Tactical Outdoor Premise, Duct, Conduits, and Patch




## General Specifications

| | |
|---|---|
| **P/N** | TF24-OS2-PU5.0 - 2 |
| **Application and Uses** | Tactical Outdoor Premise, Duct, Conduits, and Patch |
| **Outer Jacket Specifications / Color** | Thermoplastic Polyurethane \| BLACK |
| **Fiber Category** | Singlemode OS2 9/125 |
| **Fiber Type** | |
| **Fiber Count / Grouping** | 24 Strand \| 1x24f |
| **Construction** | |
| **Maximum Attenuation** | ≤0.36 dB/KM @ 1310nm \|≤0.23 dB/KM @ 1550nm |
| **Core/Cladding** | |
| **Water Block** | Yes |
| **Armor** | TiniFiber® Micro Armor™ +Steel Braid |
| **Maximum Tensile Strength (Dynamic \| Static)** | 400 N \| 200 N |
| **Maximum Crush Resistance (Dynamic \| Static)** | 30 kN/m \| 8 kN/m |
| **Minimum Bend Radius (Dynamic \| Static)** | 20D \| 10D |
| **Nominal Outer Diameter** | 5.0±0.5 mm |
| **Cable Weight** | 57 kg/km (~38 lbs/kft) |
| **Installation Temperature** | -30 to 60 °C (-22 to 140 °F) |
| **Operation Temperature** | -40 to 70 °C (-40 to 158°F) |
| **Storage Temperature** | -40 to 70 °C (-40 to 158°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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