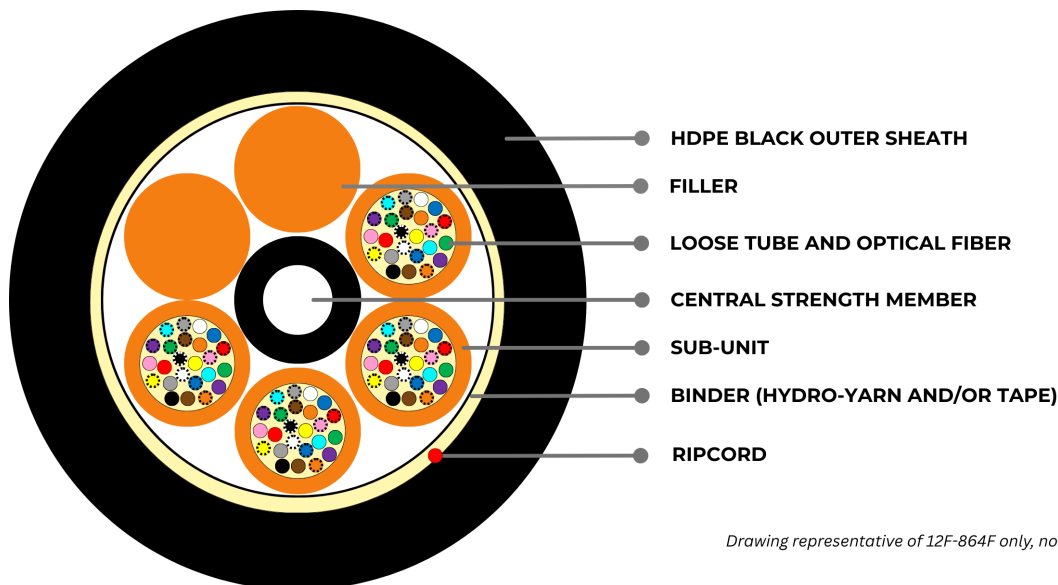




*Drawing representative of 12F-864F only, not to scale*

## General Specifications

|                                             |                                               |
|---------------------------------------------|-----------------------------------------------|
| P/N                                         | NA576-OS2-OSP - 2                             |
| Application and Uses                        | Direct Burial Outside Plant, Aerial, Lashable |
| Outer Jacket Specifications / Color         | HDPE   BLACK                                  |
| Fiber Category                              | Singlemode OS2 9/125                          |
| Fiber Type                                  | G.657A1                                       |
| Fiber Count / Grouping                      | 576 Fiber                                     |
| Construction                                | 250 um                                        |
| Maximum Attenuation                         | ≤0.36 dB/KM @ 1310nm   ≤0.23 dB/KM @ 1550nm   |
| Core/Cladding                               | 9/125                                         |
| Water Block                                 | Yes                                           |
| Armor                                       | Non-Armored                                   |
| Maximum Tensile Strength (Dynamic   Static) | 2700 N   900 N                                |
| Maximum Crush Resistance (Dynamic   Static) | 1000 N/100mm   300 N/100mm                    |
| Minimum Bend Radius (Dynamic   Static)      | 20D   10D                                     |
| Nominal Outer Diameter                      | 20 mm (±5%)                                   |
| Cable Weight                                | 280 kg/km (±10%)                              |
| Installation Temperature                    | -10 to 60 °C (14 to 140 °F)                   |
| Operation Temperature                       | -40 to 60 °C (-40 to 140 °F)                  |
| Storage Temperature                         | -40 to 60 °C (-40 to 140 °F)                  |

Part Number: NA576-OS2-OSP - 2  
576 Fiber Non-Armored Singlemode OS2 Loose Tube Gel Free HDPE  
Black Outer Jacket Direct Burial Outside Plant, Aerial, Lashable



**Standards**

Telcordia GR-20, TIA-568.3, ICEA-S-104-696

**Patent Number**

<https://tinifiber.com/patent-notice>