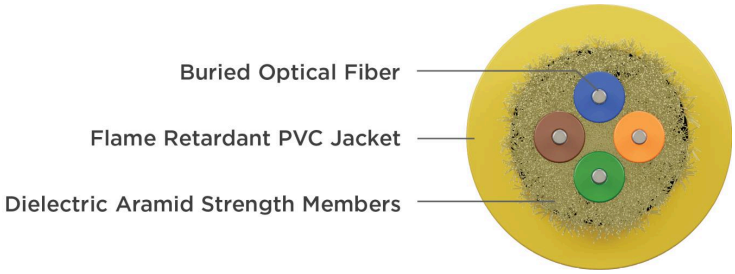
4 Fiber / SM-A1 / 5mm Round / Tight Buffer / OFNR / Single Unit / Yellow

OFNR

Part Number: 33004K101
Status: Made-to-Order
Returnable: Returnable
Minimum Order Quantity: 6600



MADE IN THE USA RoHS REACH

GENERAL SPECIFICATIONS

Configuration	Single Unit
Jacket	Flame retardant PVC
Jacket Color	Yellow
Cable Configuration	Flexible tight buffered optical fibers surrounded by aramid yarns and covered by a flame retardant jacket
End User Application	Enterprise, Data Centers
Environment	Indoor
Standards Compliance	UL 1651 CSA C22.2 No. 232 UL 1666 NFPA 262 Telcordia® GR-409-CORE, Issue 2 ANSI/ICEA S-83-596 ANSI/TIA-568.3-D
NRTL Programs	UL, c(UL) Listed OFNR

FIBER SPECIFICATIONS

Fiber Type	SM-A1
Fibers	4
Strength Element	Dielectric aramid yarns
Subunit Size (mm)	5 mm

FIBER SPECIFICATIONS

Fiber Buffer Type	900 micron
TeraFlex® Bend Resistant	G.657.A1

ENVIRONMENTAL SPECIFICATIONS

Operating Temp. Range	-40°C to +75°C
Storage/Shipping Temp. Range	-40°C to +75°C
Installation Temp. Range	-20°C to +65°C

PHYSICAL CHARACTERISTICS

Nominal Diameter in (mm)	0.17 (4.2)
Nominal Weight lbs/kft (kg/km)	13 (20)
Max. Tensile Loading Install lbs (N)	100 (440)
Max. Tensile Loading Long Term lbs (N)	30 (130)
Min. Bend Radius Install in (mm)	2.5 (63)
Min. Bend Radius Long Term in (mm)	1.7 (42)
Package Length	1000
Package Type	Plywood Reel

Product Description

Simplex, Duplex and Quad Optical Fiber Interconnect Cables are typically used for patch cords and intrabuilding installations. Superior Essex designed these cables for environments where small size, flexible construction and flame resistance are required. These cables are available in both riser and plenum versions. Higher performance optical fibers are offered, including bend insensitive G.657.A1 single mode and 10G/300 OM3 and 10G/550 OM4 laser optimized 50 µm multimode.

The design consists of flexible tight buffer material extruded over the fiber to a diameter of 900 µm for use with standard connectors. Dielectric yarns are applied for additional strength and a flame retardant PVC jacket covers the strength members. Appropriate materials are used to achieve an OFNR (riser) or OFNP (plenum) rating. Standard 2.9 mm and small form factor 2 mm diameters are available for simplex and duplex designs.

Applications

- Cross-connects and patch applications
- Communication closets to wall outlets
- Drop ceiling and plenum air space applications

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Features	Benefits
• UL® Certified Environmental Product Declaration (EPD)	• Contributes toward 1 LEED point under the Material and Resources credit (MRc)
• Health Product Declaration™ (HPD™)	• Contributes toward 1 LEED point under the MRc
• Simplex and duplex zip cord designs in 2 mm and 2.9 mm diameters	• Meets all the requirements for both standard and small form factor connectors for “in-front-of-the-shelf” applications
• Round, duplex and quad designs	• Perfect for in-wall and “behind-the-shelf” applications
• Marked in feet and meters	• Meets commercial, government and international requirements
• BrakeBox® payout control system	• Adjustable tension control on reel prevents over spin and entangling of cable for length markings

SUSTAINABILITY CERTIFICATIONS

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