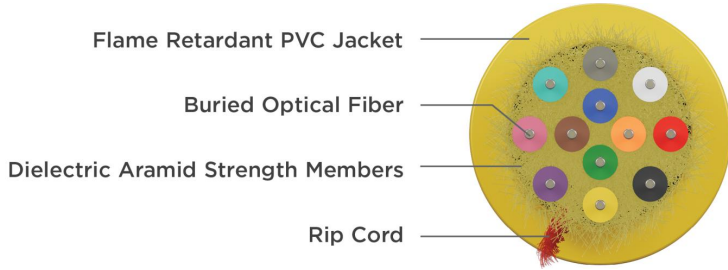


Premises Fiber Optics > Tight Buffer > Plenum > 12 Fibers

12 Fiber / SM-A1 / Distribution / Tight Buffer / OFNP / Single Unit / Yellow

OFNP

Part Number: 44012K101**Status:** Made-to-Order**Returnable:** Returnable**Minimum Order Quantity:** 6600**MADE IN THE USA****RoHS REACH****GENERAL SPECIFICATIONS**

Configuration	Single Unit
Jacket	LSPVC
Jacket Color	Yellow
Filling Compound	None
End User Application	Enterprise, Intrabuilding
Environment	Indoor

FIBER SPECIFICATIONS

Fiber Type	SM-A1
Single Unit Configuration	Flexible 900 µm tight buffered fibers, dielectric aramid yarns and overall jacket
Fiber Count	12
Fiber Optic Shield	None
Fiber Buffer Type	900 micron
TeraFlex® Bend Resistant	G.657.A1

PHYSICAL CHARACTERISTICS

Nominal Diameter in (mm)	0.24 (6.2)
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PHYSICAL CHARACTERISTICS

Nominal Weight lbs/kft (kg/km)	24 (35)
Max. Tensile Loading Install lbs (N)	100 (440)
Max. Tensile Loading Long Term lbs (N)	30 (130)
Min. Bend Radius Install in (mm)	3.7 (93)
Min. Bend Radius Long Term in (mm)	2.4 (62)

Product Description

These Superior Essex premises distribution optical fiber cables are constructed using a single unit – single jacket RoHS-compliant design with fiber counts from 6 through 24. The design consists of flexible 900 µm tight buffered industry standard 250 µm fibers (900/250/125 µm) and is suitable for use with standard connectors, like the SC, ST, and FC, and small-form-factor connectors like the LC. Dielectric aramid yarns are applied for strength while maintaining flexibility. The 18 and 24-fiber cable designs have a flexible glass reinforced central strength element for added durability and performance. A durable, flame resistant outer jacket is applied over the cable core using appropriate OFNR or OFNP rated materials.

Applications

- Intrabuilding backbones
- Conduit pathways
- Service entrance to communication closets
- "Behind-the-shelf" connections

Features

- UL® Certified Environmental Product Declaration (EPD)
- Health Product Declaration™ (HPD™)
- Marked in feet and meters
- BrakeBox® payout control system

Benefits

- Contributes toward 1 LEED point under the Material and Resources credit (MRC)
- Contributes toward 1 LEED point under the MRC
- Meets commercial, government and international requirements for length markings
- Adjustable tension control on reel prevents over spin and entangling of cable

[Technical Guideline](#)**SUSTAINABILITY CERTIFICATIONS**

