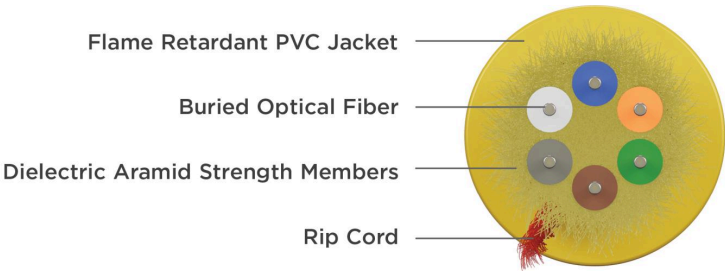


6 Fiber / SM-A1 / Distribution / Tight Buffer / OFNP / Single Unit / Yellow

OFNP

Part Number: 44006K101
Status: Made-to-Order
Returnable: Yes
Minimum Order Quantity: 6600



GENERAL SPECIFICATIONS

Configuration	Single Unit
Jacket	Flame Retardant PVC
Jacket Color	Yellow
Filling Compound	None
End User Application	Enterprise, Intrabuilding
Environment	Indoor
Standards Compliance	UL 1651 CSA C22.2 No. 232 UL 1666 Telcordia® GR-409, Issue 1 Telcordia GR-409, Issue 2 ANSI/CEA S-83-596 ANSI/TIA-568.3-D
NRTL Programs	UL, c(UL) Listed OFNR

FIBER SPECIFICATIONS

Fiber Type	SM-A1
Single Unit Configuration	Flexible 900 µm tight buffered fibers, dielectric aramid yarns and overall jacket
Fiber Count	6
Fiber Optic Shield	None

FIBER SPECIFICATIONS

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

ENVIRONMENTAL SPECIFICATIONS

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

PHYSICAL CHARACTERISTICS

Nominal Diameter in (mm)	0.20 (5.0)
Nominal Weight lbs/kft (kg/km)	17 (25)
Max. Tensile Loading Install lbs (N)	100 (440)
Max. Tensile Loading Long Term lbs (N)	30 (130)
Min. Bend Radius Install in (mm)	3.0 (75)
Min. Bend Radius Long Term in (mm)	2.0 (50)

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)

Benefits

- Contributes toward 1 LEED point under the Material and Resources credit (MRC)

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

