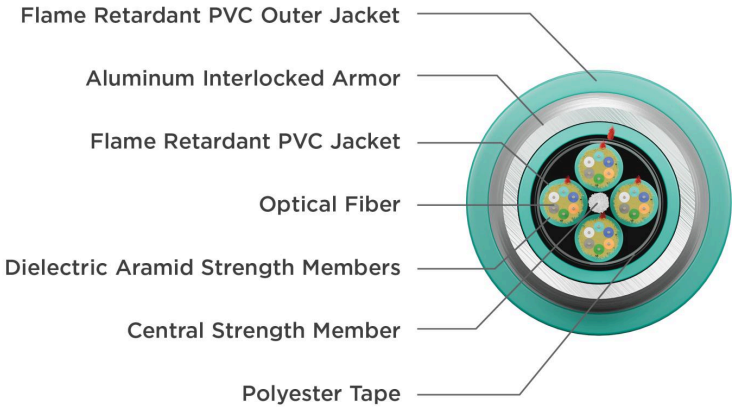
Distribution / Indoor / Multi-Unit / 24 Fiber / MM-OM3 / Tight Buffer / OFCR / Interlocked Armor / Aqua

OFCR

Part Number: L3024N401
Status: Made-to-Order
Returnable: Returnable
Minimum Order Quantity: 6600



GENERAL SPECIFICATIONS

Configuration	Multi-Unit
Jacket	Flame retardant, PVC
Jacket Color	Aqua
Cable Armor	Aluminum Interlocked Armored
End User Application	Enterprise, Intrabuilding
Environment	Indoor
NRTL Programs	UL, c(UL) Listed OFCR

FIBER SPECIFICATIONS

Fiber Type	OM3
Fibers	24
Subunit Configuration	6
Dielectric Strength Elements	Glass Reinforced Plastic (GRP)
Fiber Buffer Type	900 micron

FIBER SPECIFICATIONS

TeraFlex® Bend Resistant Laser Optimized 50/125	10G/300

ENVIRONMENTAL SPECIFICATIONS

Operating Temp. Range	-20°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)	0.93 (23.6)
Nominal Weight lbs/kft (kg/km)	265 (396)
Maximum Compression lbf/in (N/cm)	228 (400)
Max. Tensile Loading Install lbs (N)	300 (1,340)
Max. Tensile Loading Long Term lbs (N)	90 (400)
Min. Bend Radius Install in (mm)	14.0 (354)
Min. Bend Radius Long Term in (mm)	9.3 (236)

Product Description

Superior Essex premises distribution fiber optic cables are designed for flexible, high-performance indoor applications, supporting a wide range of fiber counts and installation requirements. These cables utilize 900 µm tight-buffered optical fibers (900/250/125 µm) and are fully compatible with industry-standard connectors, including SC, ST, FC, and LC.

Available in both single-unit and multi-unit configurations, these cables offer scalable designs to accommodate varying fiber counts and deployment needs. Lower fiber count constructions feature a streamlined single-unit design, while higher fiber count options incorporate multiple subunits stranded around a central strength member for enhanced organization and performance.

Dielectric aramid yarns provide strength and flexibility throughout the cable, while higher fiber count designs may include a glass-reinforced central strength element for added durability and resistance to environmental stresses. All constructions feature a durable, flame-resistant outer jacket using OFNR or OFNP rated materials and comply with RoHS standards.

These distribution cables support a variety of fiber types, including single-mode and laser-optimized multimode fibers, ensuring reliable performance across a broad range of network applications.

Applications

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

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
Marked in feet and meters	Meets commercial, government and international requirements
BrakeBox® payout control system	for length markings
	Adjustable tension control on reel prevents over spin and entangling of cable

SUSTAINABILITY CERTIFICATIONS

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