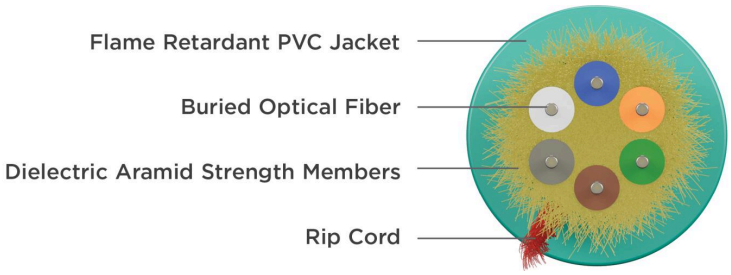
Premises Fiber Optics > Indoor > Tight Buffer > Distribution > 6 Fibers

Distribution / Indoor / Single Unit / 6 Fibers / MM-OM3 / Tight Buffer / OFNR / Aqua

Part Number: 43006NG01
Status: Stock
Returnable: Returnable
Minimum Order Quantity: No Minimum





MADE IN THE USA

RoHS

GENERAL SPECIFICATIONS

Configuration	Single Unit
Cable Configuration	Flexible 900 µm tight buffered fibers, dielectric aramid yarns and overall jacket
Jacket	PVC
Fiber Buffer Type	900 µm
Fiber Technology	TeraFlex® Bend Resistant; Laser Optimized
Fiber Specification	50/125
Performance Rating	10G/300
Bend Insensitive	Yes

COMPLIANCE & SUSTAINABILITY

Standards Compliance	UL 1651 CSA C22.2 No. 232 UL 1666 NFPA 262 Premises: Telcordia® GR-409-CORE, Issue 2 and ANSI/ICEA S-83-596 Indoor/Outdoor: Telcordia® GR-20-CORE, Issue 3 and ANSI/ICEA S-104-696 ANSI/TIA-568.3-D RoHS-compliant

COMPLIANCE & SUSTAINABILITY

NRTL Programs	UL, c(UL) Listed OFNR

PHYSICAL CHARACTERISTICS

Nominal Diameter in (mm)	0.20 (5.0)
Nominal Weight lbs/kft (kg/km)	17 (25)
Max. Tensile Loading Install lbs (N)	150 (660)
Max. Tensile Loading Long Term lbs (N)	45 (200)
Min. Bend Radius Install in (mm)	3.0 (75)
Min. Bend Radius Long Term in (mm)	2.0 (50)
Package Length	1,000
Package Type	Wood Reel
Operating Temp. Range	-4°F to +167°F (-20°C to +75°C)
Storage/Shipping Temp. Range	-40°F to +167°F (-40°C to +75°C)
Installation Temp. Range	+32°F to +149°F (0°C to +65°C)

Product Description

This riser-rated indoor distribution cable uses 900 micron tight-buffered optical fibers surrounded by dielectric aramid yarn strength members over a glass reinforced plastic central strength member, with an overall flame-retardant PVC jacket. The design supports both fusion and mechanical connectors and is intended for intra- and inter-building backbones in conduit, duct and tray pathways within riser spaces. OFNR riser listed to UL 1666. Part number 43006NG01 is the riser-rated (OFNR) aqua version: a 6-fiber OM3 50/125 multimode single-unit distribution cable with 900 µm tight buffer fibers, TeraFlex® Bend Resistant fiber and a PVC jacket. Nominal diameter is 0.20 (5.0) in (mm) with an approximate weight of 17 (25) lbs/kft (kg/km), supplied on a 1,000 ft wood reel.

Technical Guideline
Technical Guideline TG099 "Optical Fiber Specifications" provides detailed optical fiber performance specifications, including attenuation, dispersion, supportable Ethernet distances, and standards compliance. Click here for more information.

SUSTAINABILITY CERTIFICATIONS

UL CERTIFIED ENVIRONMENTAL PRODUCT DECLARATION UL.COM/EPD

*© 2025 Superior Essex Inc. All information, content, data, specifications, packaging and part numbers detailed herein are subject to change. Purchase of this product is subject exclusively to the then current **Superior Essex Inc. Terms and Conditions of Sale for Communications Cable, Wire and Connectivity Products.***