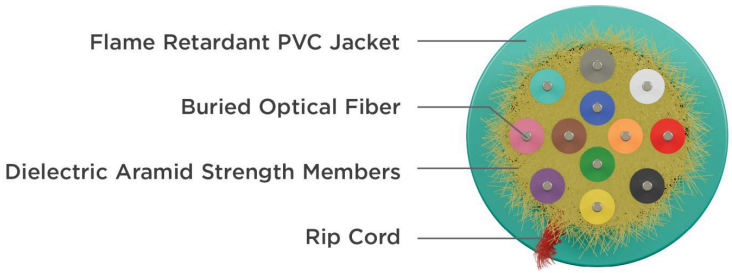
Distribution / Indoor / Single Unit / 12 Fibers / MM-OM3 / Tight Buffer / OFNP / Aqua

Part Number: 44012NG01
Status: Stock
Returnable: Returnable
Minimum Order Quantity: No Minimum





MADE IN THE USA

RoHS

GENERAL SPECIFICATIONS

Configuration	Single Unit
Cable Configuration	Band marked flexible 900 µm tight buffered fibers, dielectric aramid yarns, overall jacket and central strength element
Jacket	LSPVC
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	RoHS-compliant

PHYSICAL CHARACTERISTICS

Nominal Diameter in (mm)	0.24 (6.2)
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)
Package Length	Cut to Length
Package Type	Wood Reel
Operating Temp. Range	+32°F to +167°F (0°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 plenum-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 plenum grade PVC jacket. The plenum listing allows placement in both plenum and riser spaces, making it suitable for intra- and inter-building backbones in air-handling plenums as well as conduit, duct and tray pathways. OFNP plenum listed. Part number 44012NG01 is the plenum-rated (OFNP) aqua version: a 12-fiber OM3 50/125 multimode single-unit distribution cable with 900 µm tight buffer fibers, TeraFlex® Bend Resistant fiber and an LSPVC jacket. Nominal diameter is 0.24 (6.2) in (mm) with an approximate weight of 24 (35) lbs/kft (kg/km), supplied on a 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

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