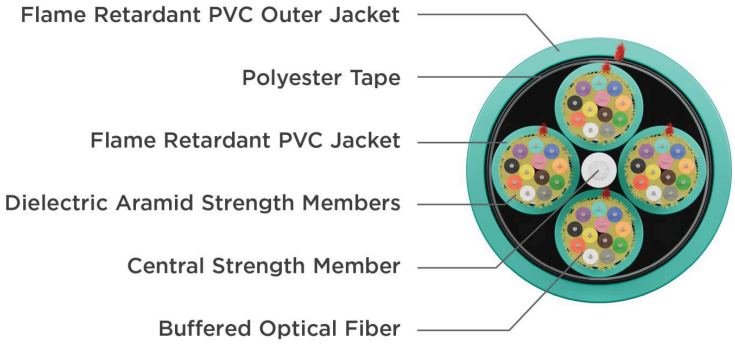
Distribution / Indoor / Multi-Unit / Composite / 48 Fibers / 24 SM-A1 + 24 MM-OM4 / Tight Buffer / OFNP / Aqua

OFNP

Part Number: F404-048UAJ-K991-024
Status: Made-to-Order
Returnable: Non-Returnable
Minimum Order Quantity: 6600





MADE IN THE USA

RoHS

GENERAL SPECIFICATIONS

Configuration	Multi-Unit
Cable Configuration	12-fiber subunits, ROL stranded around flexible high-strength glass-reinforced rod
Jacket	LSPVC
Composite	Yes
Fiber Buffer Type	900 µm
Fiber Technology	TeraFlex® Bend Resistant; Laser Optimized
Fiber Specification	G.657.A1; 50/125
Performance Rating	10G/550
Bend Insensitive	Yes

COMPLIANCE & SUSTAINABILITY

Standards Compliance	RoHS-compliant

PHYSICAL CHARACTERISTICS

Nominal Diameter in (mm)	0.67 (17.1)
Nominal Weight lbs/kft (kg/km)	189 (282)
Max. Tensile Loading Install lbs (N)	300 (1,320)
Max. Tensile Loading Long Term lbs (N)	90 (400)
Min. Bend Radius Install in (mm)	10.1 (257)
Min. Bend Radius Long Term in (mm)	6.7 (171)
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 F404-048UAJ-K991-024 is the plenum-rated (OFNP) aqua version: a 48-fiber OS2 G.657.A1; 50/125 multi-unit distribution cable with 900 µm tight buffer fibers, TeraFlex® Bend Resistant fiber and an LSPVC jacket. Nominal diameter is 0.67 (17.1) in (mm) with an approximate weight of 189 (282) 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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