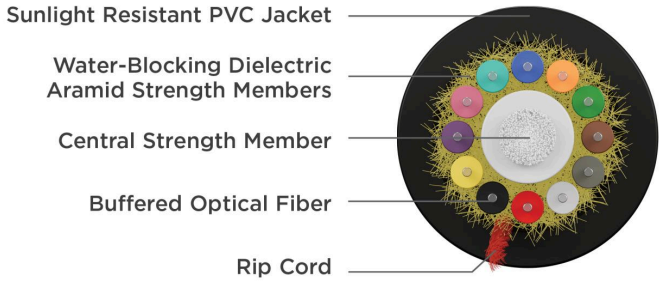
Premises Fiber Optics > Indoor/Outdoor > Tight Buffer > Distribution > 12 Fibers

Dry Block / Indoor/Outdoor / Single Unit / 12 Fibers / MM-OM3 / Tight Buffer / OFNR / Black / Master Reel

Part Number: F308-012U30-E991
Status: Made-to-Order
Returnable: Non-Returnable
Minimum Order Quantity: 6 Boxes





MADE IN THE USA

RoHS

GENERAL SPECIFICATIONS

Configuration	Single Unit
Cable Configuration	Flexible tight buffer material extruded over fiber to 900 µm diameter; color coded fibers are combined with dielectric aramid yarns for strength and water-blocking
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 Telcordia® GR-20-CORE, Issue 3 – Water Penetration ANSI/ICEA S-104-696-2001 ANSI/TIA-568.3-D RoHS-compliant/RoHS 2-compliant
NRTL Programs	UL, c(UL) Listed OFNR UL, c(UL) Listed Sunlight Resistant

PHYSICAL CHARACTERISTICS

Nominal Diameter in (mm)	0.30 (7.6)
Nominal Weight lbs/kft (kg/km)	36 (54)
Max. Tensile Loading Install lbs (N)	300 (1,340)
Max. Tensile Loading Long Term lbs (N)	90 (402)
Min. Bend Radius Install in (mm)	12.0 (304)
Min. Bend Radius Long Term in (mm)	6.0 (152)
Package Type	Wood Reel
Operating Temp. Range	-40°F to +167°F (-40°C to +75°C)
Storage/Shipping Temp. Range	-40°F to +167°F (-40°C to +75°C)
Installation Temp. Range	-4°F to +149°F (-20°C to +65°C)

Product Description

The Superior Essex Dry Block, Sunlight Resistant Indoor/Outdoor riser cable is designed to survive the toughest installation and environmental conditions. The core is fully water-blocked using SAP dry block technology, preventing water ingress from OSP splice enclosures, and the tough thermoplastic jacket is sunlight resistant. GRP and aramid yarn dielectric strength elements give the cable both strength and flexibility. Suitable for intra- and inter-building backbones, conduit, duct and tray pathways, and dry or wet locations. Meets or exceeds ANSI/ICEA S-104-696-2001; OFNR riser listed. Part number F308-012U30-E991 is the riser-rated (OFNR) black version: a 12-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 0.30 (7.6) in (mm) with an approximate weight of 36 (54) lbs/kft (kg/km), supplied on a wood reel.

Applications

- Intra/inter-building backbones
- Trench/conduit/duct/tray pathways
- Dry or wet locations

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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
• Exceeds ANSI/TIA-568.3-D optical performance	• Future-proof fiber performance for current and future multi-gigabit applications
• Dry-block design meets ICEA 696 water-blocking requirements	• Cable integrity maintained even if damage occurs to protective layers
• 900 µm tight-buffered fibers	• Attaches directly to mechanical connectors
• UL/NEC Listed OFNR	• Eliminates the need to purchase separate cables for OSP and indoor/riser applications
• All dielectric	• No additional grounding materials need to be purchased
• Jacket rip cord	• Saves time in cable preparation
• Black, UL Listed sunlight resistant outer jacket	• Long periods of direct sunlight exposure will not damage cable
• BrakeBox® payout control system	• Adjustable tension control on reel prevents over spin and entangling of cable

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

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