

Part Number

F308-012U30-E991

Product Name

Indoor/Outdoor Tight Buffered Riser
Optical Fiber Cable

Applications

Intra- and inter-building riser backbones, service entrance to communication closets, conduit pathways.

Description

F308-012U30-E991 is a black jacketed, UL Sunlight Resistant listed, fully dry water blocked, riser, single unit, indoor/outdoor premises distribution cable. The core is constructed of twelve (12) – 900 micron tight buffered OM3 multi-mode fibers stranded around a GRP central strength element. Dry water blocking aramid yarns and tape surround the fibers. A riser rated and UL Sunlight Resistant listed black jacket covers the core. The entire construction is UL Listed OFNR/FT4. The cable meets or exceeds the requirements stated in ANSI/ICEA-104-696 and ANSI/TIA/EIA 568-C.3. The cable is RoHS/RoHS2 Compliant.

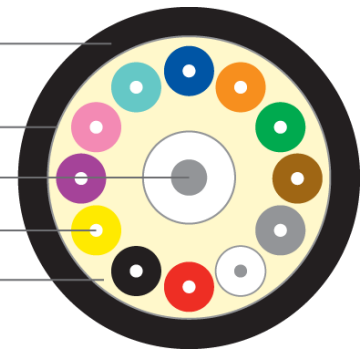
UL Sunlight Resistant
PVC Jacket

Water-Blocking Tape

Central Strength Element

Buffered Optical Fiber

Dielectric Aramid
Strength Members



Fiber Specifications

Fiber Quantity	12
Fiber Type	Bend resistant 50 micron MMF
Fiber Designation	OM3
Maximum Attenuation	3.5 dB/km @ 850 nm 1.5 dB/km @ 1300 nm
Minimum Effective Modal Bandwidth	2000 MHz-km @ 850 nm 500 MHz-km @ 1300 nm

Cable Specifications

Nominal Outside Diameter	0.30 inches (7.6 mm)
Nominal Weight	36 lb/kft (54 kg/km)
Maximum Tensile Loading	Install 300 lb-f (1340 N) Long Term 90 lb-f (400 N)
Minimum Bend Radius	Loaded Install 6.0 in (304 cm) Long Term 3.0 in (152 cm)
Temperature Range	Operating - 40°C to +75°C Storage Shipping - 40°C to +75°C Installation - 10°C to +65°C