

Part Number

49C-F308-006U30-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

49C-F308-006U30-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 six (6) – 900 micron tight buffered OM3 multi-mode fibers stranded around a GRP central strength element. 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.

Fiber Specifications

Fiber Quantity	6
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	0.23 inches (5.8 mm)
Nominal Weight	21 lb/kft (31 kg/km)
Maximum Tensile Loading	Install 300 lb-f (1340 N) Long Term 90 lb-f (400 N)
Minimum Bend Radius	Loaded Install 4.4 in (221 cm) Long Term 2.2 in (111 cm)
Temperature Range	Operating -40°C to +75°C Storage Shipping -40°C to +75°C Installation -10°C to +65°C

