Cable Specification





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.

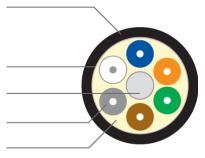
Flame Retardant Sunlight Resistant PVC Jacket

Water-Blocking Tape

Central Strength Element

Buffered Optical Fiber

Dielectric Aramid Strength Members



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)
Maximum Tensile Loading	Long Term	90 lb-f (400 N)
Minimum Bend Radius	Loaded Install	4.4 in (221 cm)
Willing Bend Radius	Long Term	2.2 in (111 cm)
	Operating	- 40°C to +75°C
Temperature Range	Storage Shipping	- 40°C to +75°C
	Installation	- 10°C to +65°C

