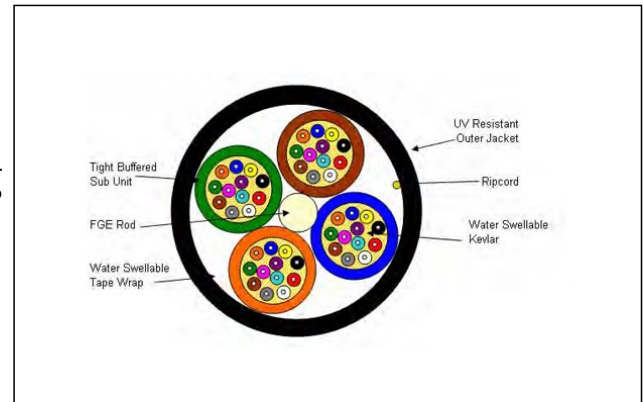


Part No.: 33-XXX-12D-KBSXOP

33 Series Distribution Tight Buffer Indoor/Outdoor 50Micron MM 10Gig OM2 (12+ Fiber) OFNP



Scope

This document establishes the specification requirements for an indoor/outdoor plenum distribution multimode OM2, fiberoptic cable. This cable construction consists of multimode fibers in a distribution tight-buffered design with a plenum rated jacket.

Applications

Plenum Indoor or Outdoor in duct

Applicable Documents

- TIA/EIA FOTP Standards 455
- Color Coding of Fiber Optic Cables TIA/EIA-598
- UL 910
- GR-409-CORE

Overall Cable Construction

- Tight Buffered Fiber
- Dimension: 900µm, nominal.
Tight buffered fiber color code: 1-blue, 2-orange, 3-green, 4-brown, 5-slate, 6-white, 7-red, 8-black, 9-yellow, 10-violet, 11-rose, and 12-aqua.
- Sub-unit consists of water swellable aramid yarns that are pulled in with the tight-buffered fibers under a sub-unit jacket that is uniquely identified.
- Cable strength Member
Fiberglass Epoxy Rod (dielectric)
- An up coat of plenum material (if necessary per construction for symmetry).
- Cable Core
Sub-units and fillers (if needed) are stranded around the CSM, using reverse oscillation.
- Moisture Resistance: A water blocking tape is applied over the cable core to prevent water ingress and migration with a nominal of 25% overlap.
- Outer Sheath
UV Resistant black plenum rated PVDF jacket (or color per customer request)
- Cable Markings

