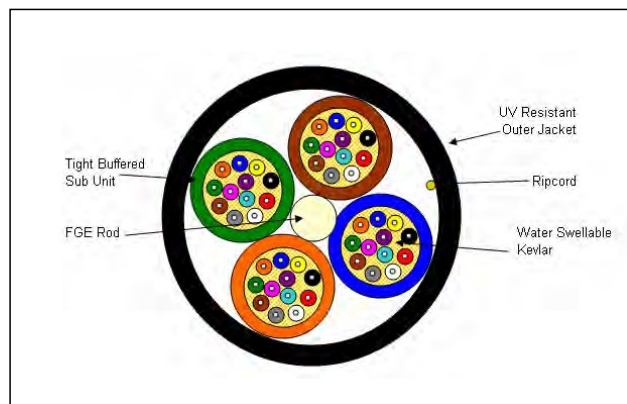


Part No.: 11-XXX-76E-GBSXXF

11 Series Distribution Tight Buffer Indoor/Outdoor SM Enhanced (12+ Fiber) OFNR

Scope

This document establishes the specification requirements for an indoor/outdoor singlemode OS2 distribution fiberoptic cable. This cable construction consists of singlemode fibers in a distribution tight-buffered design with a riser rated PVC jacket suitable for outdoors in duct, indoors in the riser and acceptable in tray installation as well.



Applications

Riser Indoor or Outdoor in duct

Applicable Documents

- TIA/EIA FOTP Standards 455
- Color Coding of Fiber Optic Cables TIA/EIA-598
- UL 1666
- GR-409-CORE
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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. The subunits are colored per TIA/EIA-598 or orange and are numbered for identification.

Cable strength Member

- Fiberglass Epoxy Rod (dielectric)
- An up coat of PVC (if necessary per construction for symmetry).
- Cable Core
Sub-units and fillers (if needed) are stranded around the CSM, using reverse oscillation.
- Binder yarns are applied over the cable core.
- Outer Sheath
UV Resistant Black riser rated PVC jacket (or color per customer request)

