

Part No.: 11-XXX-22J-ABNOOF

11 Series Distribution Tight Buffer Indoor/Outdoor 62.5Micron MM (2-12 Fiber) OFNR

Scope

This document establishes the specification requirements for a multimode OM1, distribution indoor/outdoor (suitable for duct outdoors) fiberoptic cable. This cable construction consists of multimode 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

Overall Cable Construction

- TIA/EIA FOTP Standards 455
 - Color Coding of Fiber Optic Cables TIA/EIA-598
- UL 1666
GR-409-CORE

Fiber Attenuation

$\leq 3.2 / 1.0$ dB/km

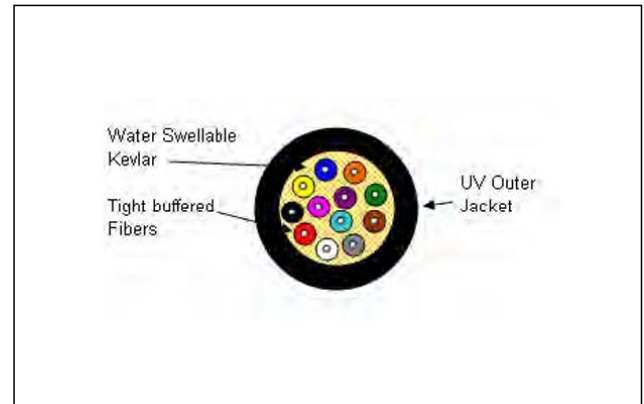
Fiber Bandwidth

$\geq 200/600$ MHz-km

Mechanical & Environmental Performance

Maximum Tensile Load for:

Impact Resistance: 25 Impacts (min.)



Water Swellable
Kevlar

Tight buffered
Fibers

UV Outer
Jacket



Installation:

- 2&4-fiber 1405N/315lbf,
- 6&8-fiber 1610N/362lbf
- 12-fiber 2700N/600lbf

Long Term:

- 2&4-fiber 455N/102lbf,
- 6&8-fiber 535N/120lbf
- 12-fiber 600N/135lbf

Minimum bending radius:

- Loaded: 20 x diameter
- Unloaded: 10 x diameter

Flexing, $\pm 90^\circ$: 25 Cycles (min.)

Temperature rating:

Operation, -40°C to $85\pm\text{C}$

Installation, 0°C to $75\pm\text{C}$

Storage, $-55\pm\text{C}$ to $85\pm\text{C}$

Crush Resistance: 100N/cm

Preparation for Shipment

The cable shall be packaged to preclude the inducement of damage due to handling and transportation, and shall be in accordance with the best commercial practices available.

Warranty Info

All warranty information can be viewed at www.remee.com. This product is RoHS compliant and is directive 2002/95/EC. It is the sole responsibility of the user to have the most current specification. Specifications are subject to change without notice.