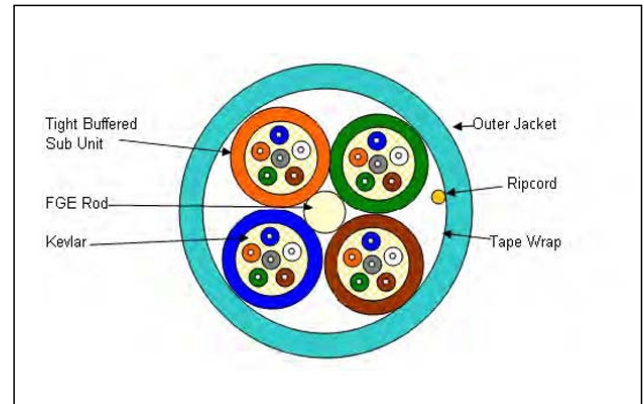


Part No.: 11-XXX-12S-AASXNF

## 11 Series Distribution Tight Buffer 50Micron MM 10Gig OM3 (12+ Fiber) OFNR

### Scope

This document establishes the specification requirements for an indoor distribution fiberoptic cable. This cable construction consists of OM3 multimode fibers in a distribution tight-buffered design with a riser rated PVC jacket suitable for indoors in the riser or acceptable in tray installation as well.



### Applications

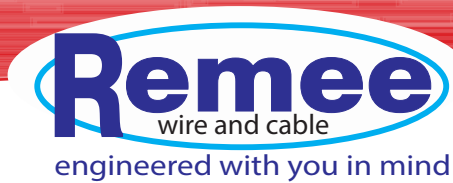
Riser Indoor

### Applicable Documents

- TIA/EIA FOTP Standards 455
- Color Coding of Fiber Optic Cables TIA/EIA-598
- UL 1666
- 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 aramid yarns that are pulled in with the tight-buffered fibers under a sub-unit jacket.
- 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.
- A non-wicking and non-hygroscopic tape is applied longitudinally with a nominal 25% overlap.
- Binder yarns are applied over the core tape.
- Outer Sheath  
Aqua riser rated PVC jacket (or color per customer request)
- Cable Markings



REMFO 11 SERIES, FIBER OPTIC CABLE, XX (denotes number of fibers)-50/125 OM3 10GIG, REMEE PRODUCTS CORP., MM/YY (month & year of manufacture), OFNR C(ETL)US, Sequentially marked.

- Special print as required by customer.

## Fiber Attenuation

<=3.0 /1.0 dB/km

## Fiber Bandwidth

>=1500/500MHz-km

## Mechanical & Environmental Performance

Maximum Tensile Load for:  
 - Installation: 2700N / 607lbf  
 - Long Term: 890N / 200lbf  
 Minimum bending radius:  
 - Loaded: 20 x diameter  
 - Unloaded: 10 x diameter  
 Crush Resistance: 220N/cm

Impact Resistance: 25 Impacts (min.)  
 Flexing, ±90°: 25 Cycles (min.)  
 Temperature Rating:  
 Operation, -40°C to +85±C  
 Installation, 0°C to +75±C  
 Storage, -55±C to +85±C

## 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](http://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.