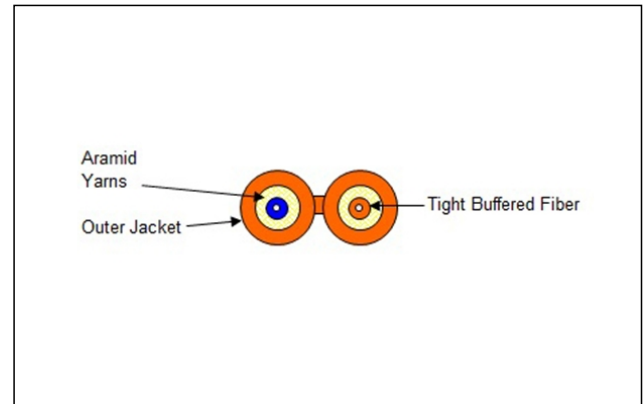


Part No.: 10-001-12C-AZNONF

## 10 Series Distribution Tight Buffer Simplex 50Micron MM 1Gig OFNR

### Scope

This document establishes the specification requirements for a multimode 50/125 general purpose simplex fiberoptic cable. This cable construction consists of multimode fiber in a simplex tight-buffered design with a riser rated PVC jacket suitable for indoors in the riser.



### 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: 900 $\mu$ m, nominal.  
Tight buffered fiber color code: 1-blue
- Cable strength  
Aramid yarns are pulled in with the tight-buffered fiber under the outer jacket.
- Outer Sheath  
Orange riser rated PVC jacket (or color per customer request)
- Cable Markings  
REMFO 10 SERIES, FIBER OPTIC CABLE, 1-50/125, REMEE PRODUCTS CORP., MM/YY (month & year of manufacture), OFNR C(ETL)US, Sequentially meter marked.
- Special print as required by customer.

### Fiber Attenuation

$\leq 3.0/1.0$  dB/km

### Fiber Bandwidth



>=500/500MHz-km

### Mechanical & Environmental Performance

- |  |              |
|--|--------------|
| - Storage Temperature Range C                | -40° to +70° |
| - Operating Temperature Range C              | -20° to +70° |
| - Max. Tensile Load for Installation N (lbf) | 345 (77)     |
| - Max. Tensile Load, Long-Term N (lbf)       | 125 (28)     |
| - Min. Bend Radius, Unloaded --              | 10 X O.D.    |
| - Crush Resistance (EIA 455-41) N/cm         | 100          |
| - Impact Resistance (EIA 455-25) Impacts     | 25           |
| - Flexing, ±90° (EIA 455-104) Cycles         | 25           |

### 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.