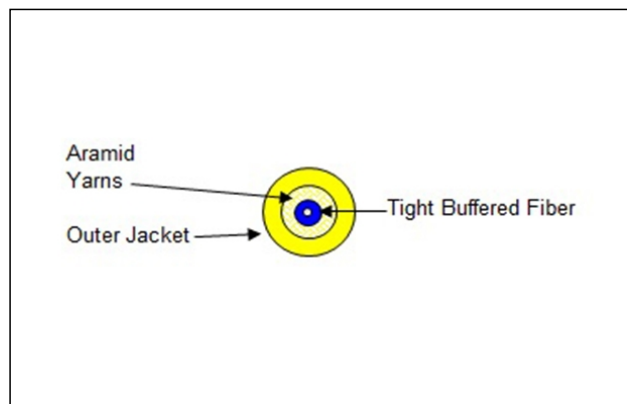


Part No.: 10-001-76E-AYNONF

## 10 Series Distribution Tight Buffer Simplex SM Enhanced OFNR

### Scope

This document establishes the specification requirements for a multimode SM OS2 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  
Yellow riser rated PVC jacket (or color per customer request)
- Cable Markings  
REMFO 10 SERIES, FIBER OPTIC CABLE, 1-SM OS2, REMEE PRODUCTS CORP., MM/YY (month & year of manufacture), OFNR C(ETL)US, Sequentially meter marked.
- Special print as required by customer.

### Fiber Attenuation

$\leq 0.40/0.30$  dB/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.