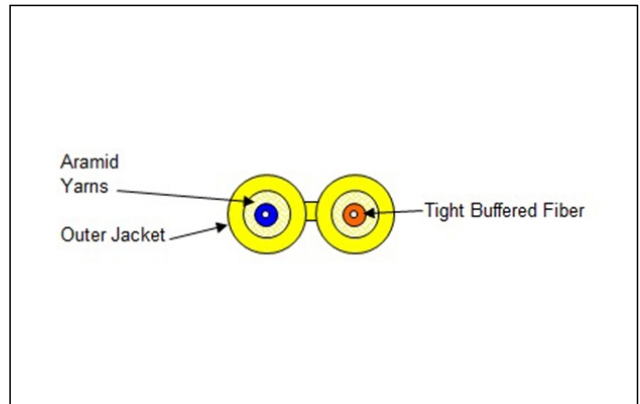


Part No.: 10-002-76E-AYNONF

## 10-002-76E-AYNONF

### Scope

This document establishes the specification requirements for a multimode SM OS2 general purpose duplex fiberoptic cable. This cable construction consists of multimode fibers in a duplex 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

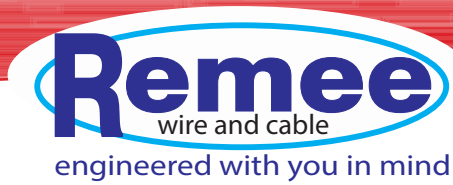
- Tight Buffered Fiber
- Dimension: 900 $\mu$ m, nominal.  
Tight buffered fiber color code: 1-blue, 2-orange
- Cable strength  
Aramid yarns are pulled in with the tight-buffered fiber under the siamese outer jacket.
- Outer Sheath  
Yellow riser rated PVC jacket (or color per customer request)
- Cable Markings  
REMFO 10 SERIES, FIBER OPTIC CABLE, 2-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  $\pm$ C -40 to +70
- Operating Temperature Range  $\pm$ C -20 to +70



|  |            |
|--|------------|
| - Max. Tensile Load for Installation N (lbf)   | 1000 (225) |
| - Max. Tensile Load, Long-Term N (lbf)         | 500 (112)  |
| - Min. Bend Radius, Unloaded --                | 10 X O.D.  |
| - Crush Resistance (EIA 455-41) N/cm           | 100        |
| - Impact Resistance (EIA 455-25) Impacts       | 25         |
| - Flexing, $\pm 90^\circ$ (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.