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Part No.: 10-002-12D-AANONF

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Scope

This document establishes the specification requirements for a multimode OM2 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.

Aramid Yarns Tight Buffered Fiber Outer Jacket

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

Aramid yarns are pulled in with the tight-buffered fiber under the siamese outer jacket.

- · Outer Sheath
 - Aqua riser rated PVC jacket (or color per customer request)
- Cable Markings

REMFO 10 SERIES, FIBER OPTIC CABLE, 2-50/125 OM2, REMEE PRODUCTS CORP., MM/YY (month & year of manufacture), OFNR C(ETL)US, Sequentially meter marked.

• Special print as required by customer.

Fiber Attenuation

<=3.0/1.0 dB/km

Fiber Bandwidth

>=750/500MHz-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) | 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, ±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. 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.