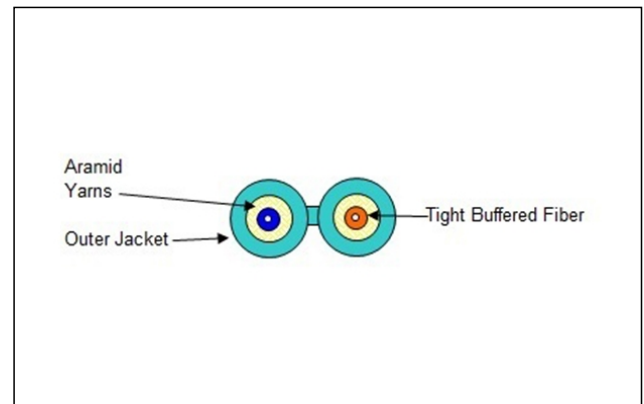


Part No.: 10-001-12D-AANONF

10 Series Distribution Tight Buffer Simplex 50Micron MM 10Gig OM2 OFNR



Scope

This document establishes the specification requirements for a multimode OM2 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 μ 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
Aqua riser rated PVC jacket (or color per customer request)
- Cable Markings
REMFO 10 SERIES, FIBER OPTIC CABLE, 1-50/125 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

$\leq 3.0/1.0$ 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)	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, $\pm 90^\circ$ (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. 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.