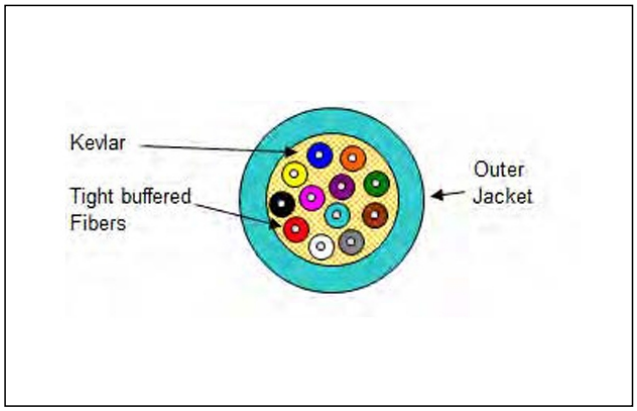
Part No.: 33-XXX-12D-RANONP

33 Series Distribution Tight Buffer 50Micron MM 10Gig OM2 (2-12 Fiber) OFNP



Scope

This document establishes the specification requirements for an indoor multimode OM2, distribution fiberoptic cable. This cable construction consists of a distribution tight-buffered design with a plenum rated jacket.

Applications

Plenum Indoor

Applicable Documents

TIA/EIA FOTP Standards 455
- Color Coding of Fiber Optic Cables TIA/EIA-598
- UL 910
- GR-409-CORE
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Overall Cable Construction

- Tight Buffered Fiber
- Dimension: 900µm, nominal.
  Tight buffered fiber color code: 1-blue, 2-orange, 3-green, 4-brown, 5-slate, 6-white, 7-red, 8-black, 9-yellow, 10-violet, 11-rose, and 12-aqua.
- Cable strength
  Kevlar yarns are pulled in with the tight-buffered fibers under the outer jacket.
- Outer Sheath
  Aqua plenum rated jacket (or color per customer request)
- Cable Markings
  REMFO 33 SERIES, FIBER OPTIC CABLE, XX (No. of fibers)-50/125, OM2 10GIG, REMEE PRODUCTS CORP., MM/YY (month & year of manufacture), OFNP C(ETL)US, Sequentially meter marked.
- Special print as required by customer.

Fiber Attenuation

<=3.0 /1.0 dB/km

Remee Products Inc.
P.O. Box 488 1751 Highway Rt.17A
Florida, New York 10921
t: 800.431.3864 e:info@remee.com

Fiber Bandwidth

>=750/500MHz-km

Mechanical & Environmental Performance

Maximum Tensile Load for:
- Installation: 4-fiber 1405N/315lbf, 6&8-fiber 1610N/362lbf
- 12-fiber 2700N/600lbf
- Long Term: 4-fiber 455N/102lbf, 6&8-fiber 535N/120lbf
- 12-fiber 600N/135lbf

Minimum bending radius:
- Loaded: 20 x diameter
- Unloaded: 10 x diameter

Impact Resistance: 25 Impacts (min.)
Flexing, ±90°: 25 Cycles (min.)
Crush Resistance: 100N/cm
Temperature rating*:
Operation, -20°C to 85±C
Installation, 0°C to 75±C
Storage, -40°C to 85±C

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.

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