Part No.: 11-XXX-12H-AMNOOF

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Scope

This document establishes the specification requirements for a multimode OM3 distribution indoor/outdoor fiberoptic cable. This cable construction consists of multimode fibers in a distribution tight-buffered design with a riser rated PVC jacket suitable for outdoors in duct, indoors in the riser and acceptable in tray installation as well.

Applications

Riser Indoor or Outdoor in duct

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, 3-green, 4-brown, 5-slate, 6-white, 7-red, 8-black, 9-yellow, 10-violet, 11-rose, and 12-aqua.
- Cable strength
  Aramid yarns with water swellable characteristics are pulled in with the tight-buffered fibers under the outer jacket.
- Outer Sheath
  Pressure extruded UV resistant Magenta riser rated PVC jacket (or color per customer request)
- Cable Markings
  REMFO 11 SERIES, FIBER OPTIC CABLE, XX (No. of fibers)-50/125, OM4 10GIG, 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

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>=3500/500MHz-km

Mechanical & Environmental Performance

Maximum Tensile Load for:
- Installation:
- 2&4-fiber 1405N/315lbf,
- 6&8-fiber 1610N/362lbf
- 12-fiber 2700N/600lbf

Long Term:
- 2&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, &plusmn90°: 25 Cycles (min.)
Temperature rating:
Operation, -40°C to +85°C
Installation, 0°C to +75°C
Storage, -55°C to 85°C
Crush Resistance: 100N/cm

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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