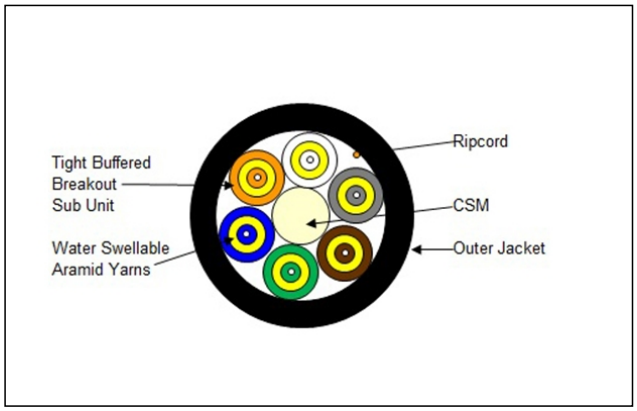
Part No.: 12-XXX-76E-GBXAXF

12-XXX-76E-GBXAXF



Scope

This document establishes the specification requirements for an indoor/outdoor singlemode OS2, fiberoptic breakout cable. This cable construction consists of tight-buffered fiber in a sub-unit construction with an overall riser rated PVC jacket.

Applications

Riser Indoor or Outdoor in duct

Applicable Documents

TIA/EIA FOTP Standards 455
- Color Coding of Fiber Optic Cables TIA/EIA-598
- GR-409-CORE
- UL 1666

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, 12-aqua (or per customer request)
- Sub-unit consisting of 1 fiber per unit.
  Thermoplastic Elastomeric Material
- Water swellable aramid yarns are pulled in with the tight-buffered fiber under the sub unit jacket.
- Dimension: 2.4mm
- Sub-unit color code: 1-blue, 2-orange, 3-green, 4-brown, 5-slate, 6-white, 7-red, 8-black, 9-yellow, 10-violet, 11-rose, 12-aqua or numbered orange channels with white tight buffered fibers. (or per customer request).
- Central Strength Member (No CSM on 12 fiber cable)
  Fiberglass Epoxy Rod (Dielectric)
- If necessary, an up-coat of PVC.

Cable Core
Sub-units and fillers if necessary are stranded around the CSM where applicable.

- Binder yarns are applied over the core.
- Outer Sheath
  Pressure Extruded UV Resistant Black Riser rated PVC (Color as required by customer)
- A ripcord is applied under the outer sheath.

CABLE MARKINGS
REMFO 12 SERIES, FIBER OPTIC CABLE, No. of Fibers-SM, REMEE PRODUCTS CORP., MM/YY (month & year of manufacture),

Remee Products Inc.
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OFNR C(ETL)US, Sequentially meter marked.

- Special print as required by customer.

Fiber Attenuation

<=0.40/0.30 dB/km

Mechanical & Environmental Performance

Maximum Tensile Load for:
- Installation: 2&4-fiber 1900N/427lbf,
- 6 to 36-fiber 2700N/600lbf
- Long Term: 2&4-fiber 760N/171lbf,
- 6 to 36-fiber 600N/135lbf

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

Impact Resistance: 25 Impacts (min.)
Flexing, ±90°: 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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