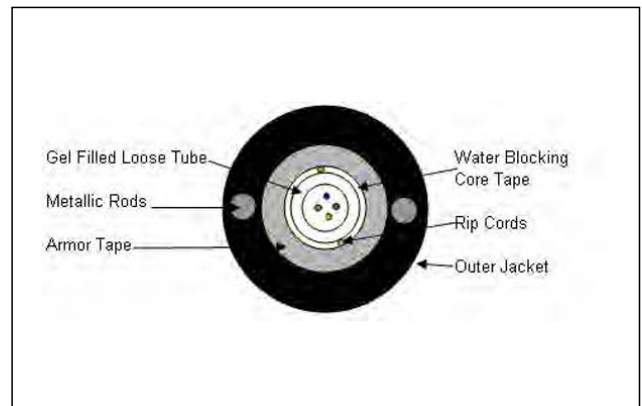


Part No.: 56-XXX-22J-EBCXNN

56 Series Loose Tube Unitube Single Jacket Round 62.5Micron MM

Scope

This document establishes the specifications for a multimode single 3mm central tube design with a polyethylene jacket suitable for direct burial or lashed aerially.



Applications

Outdoor duct/aerial lashed/direct burial

Applicable Documents

TIA/EIA FOTP Standards 455
- Color Coding of Fiber Optic Cables

TIA/EIA-598

Overall Cable Construction

- Buffer tube
 - High Modulus Polymeric material.
Dimension: 3.0 mm., nominal.
Tube color: white
Fiber color code: per TIA/EIA-598
 - Filling compound: A non-toxic and dermatological safe antioxidant hydrocarbon based gel.
 - Cable Core:
The cable core consists of the buffer tube with a moisture resistant water-blocking tape applied over the tube to prevent water ingress and migration with a nominal of a 25% overlap.
 - Cable strength
Two galvanized steel wires are embedded in the outer jacket.
 - Steel Armor Tape
Tape is flexible steel with plastic coating for bonding to sheath. The armor of each length of cable shall be electrically continuous with no more than one joint or splice allowed per kilometer of cable.
 - The breaking strength of any section of an armor tape containing a factory splice joint, shall not be less than 80% of the breaking strength of an adjacent section of the armor of equal length without a joint.
 - A ripcord is applied under the armor tape.
- Outer Sheath
MD Black Polyethylene (UV Resistant).
Wall thickness (nominal): 1.52mm.
- CABLE MARKINGS
REMFO 56 SERIES, FIBER OPTIC CABLE, No. of Fibers-62.5/125, REMEE PRODUCTS CORP., MM/YY (Month & Year of Manufacture), Sequentially meter marked.



Fiber Attenuation

$\leq 3.2 / 1.0$ dB/km

Fiber Bandwidth

$\geq 200/600$ MHz-km

Mechanical & Environmental Performance

Maximum Tensile Load for:

- Installation: 2700N / 607lbf

- Long Term: 890N / 200lbf

Minimum bending radius:

- Loaded: 20 x diameter

- Unloaded: 10 x diameter

Crush Resistance: 440N/cm

Impact Resistance: 25 Impacts (min.)

Flexing, $\pm 90^\circ$: 25 Cycles (min.)

Temperature rating:

Operation, -40°C to $+70^\circ\text{C}$

Installation, -40°C to $+55^\circ\text{C}$

Storage, -50°C to $+70^\circ\text{C}$

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.