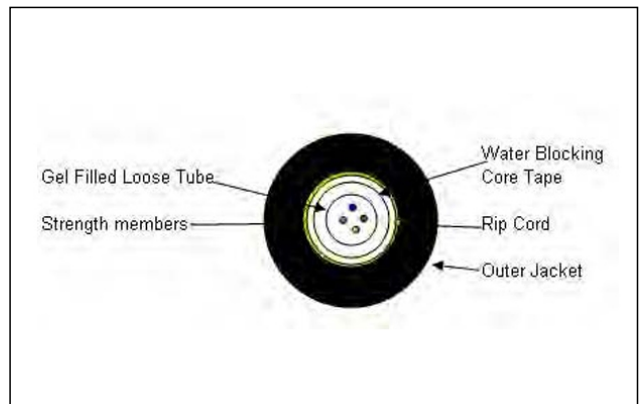


Part No.: 57-XXX-12C-ABCXNN

57 Series Loose Tube Unitube Outdoor PVC 50Micron MM 1Gig

Scope

This document establishes the specifications for an outdoor, multimode 50/125, single 3mm central tube design with a flame retardant PVC jacket.



Applications

Outdoor duct/aerial lashed

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
Circumferential strength members are placed over the cable core and under the outer sheath.
 - Outer Sheath
UV Resistant Flame Retardant Black PVC
Wall thickness (nominal): 1.52mm.
A ripcord is applied under outer sheath.
- Cable Markings
REMFO 57 SERIES, FIBER OPTIC CABLE, No. of Fibers-50/125, REMEE PRODUCTS CORP., MM/YY (Month & Year of Manufacture), Sequentially meter marked.
- Note: This product is not OFNR, ETL or UL listed.

Fiber Attenuation

$\leq 3.0 / 1.0$ dB/km



Fiber Bandwidth

$\geq 500/500\text{MHz-km}$

Mechanical & Environmental Performance

Maximum Tensile Load for:

- Installation: 1335N / 300lbf

- Long Term: 334N / 75lbf

Minimum bending radius:

- Loaded: 20 x diameter

- Unloaded: 10 x diameter

Crush Resistance: 220N/cm

Impact Resistance: 25 Impacts (min.)

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

Temperature rating:

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

Installation, -20°C to $+55^\circ\text{C}$

Storage, -40°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.