Part No.: 88-XXX-74E-EBSXWN

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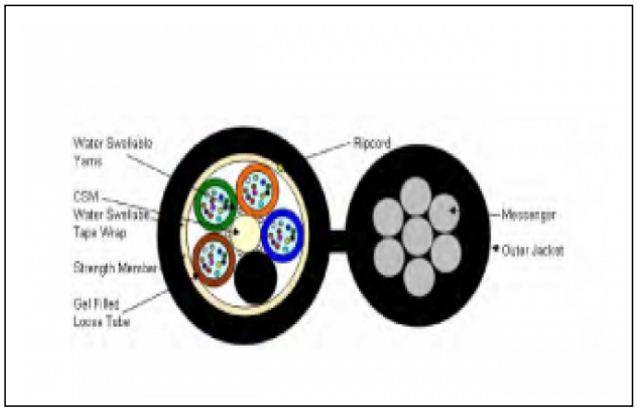

Scope

This document establishes the specifications for an aerial self-supporting fiber optic cable, singlemode OS2, loose buffer tube, dry block, with steel messenger and a polyethylene jacket.

Applications

Outdoor self-supporting

Applicable Documents

TIA/EIA FOTP Standards 455
- Color Coding of Fiber Optic Cables TIA/EIA-598
- RUS 1755.900
- GR-20-CORE

Overall Cable Construction

- Buffer tube
- High Modulus Polymeric material.

Dimension: 2.8 mm, nominal (The 4 fiber cable is 2.2mm, nominal).
Tube and fiber color code per TIA/EIA-598
Filling compound: A non-toxic and dermatological safe antioxidant hydrocarbon based gel.

- Central strength member

Epoxy glass rod with an up-coat of polymer (if necessary per construction).

- Water swellable yarns are to be pulled in with the CSM.

Cable Core:
The cable elements are stranded around the CSM, using reverse oscillation.
Moisture Resistance: A water blocking tape is applied over the cable core to prevent water ingress and migration with a nominal of 25% overlap.

- Non-wicking binder yarns are applied over the core tape.

Cable strength
Circumferential strength members are placed over the cable core and under the outer sheath.

- Outer Sheath

UV Resistant Black Polyethylene (or color per customer request)

- A ripcord is applied under the outer sheath.

Messenger
7 strand steel messenger with a nominal O.D. of .245in. (per ASTM A640-97)

- Breaking Strength: 6600lbs
- UV Resistant Black Polyethylene.

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

- Web: .080 x .100in.

Cable Markings

REMFO 88 SERIES, FIBER OPTIC CABLE, No. of Fibers-SM, REMEE PRODUCTS CORP., TELEPHONE HANDSET SYMBOL, MM/YY (Month &Year of Manufacture), Sequentially meter marked.

- Special print as required by customer.

Fiber Attenuation

<=0.35/0.25 dB/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: 220N/cm

Impact Resistance: 25 Impacts (min.)
Flexing, ±90°: 25 Cycles (min.)
Temperature rating:
Operation, -40°C to +70°C
Installation, -40°C to +55±C
Storage, -50°C to +70°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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