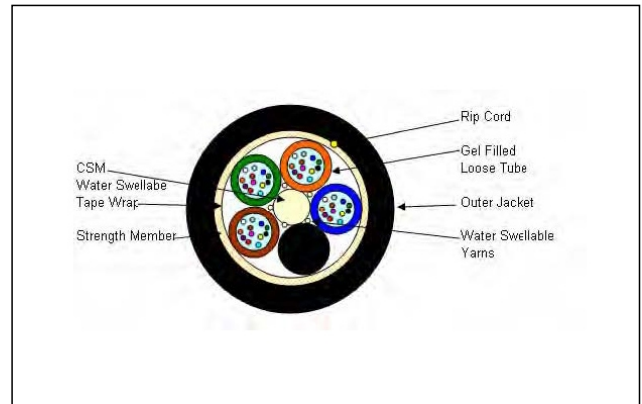


Part No.: 27-XXX-74E-ABSXNF

27 Series Loose Tube Indoor/Outdoor OFNR SM Enhanced

Scope

This document establishes the specifications for a riser rated, indoor/outdoor, all dielectric, singlemode OS2, dry block fiber optic cable in a loose buffer tube design.



Applications

Riser Indoor or Outdoor in duct or aerial lashed

Applicable Documents

TIA/EIA FOTP Standards 455

- Color Coding of Fiber Optic Cables

- UL 1666

TIA/EIA-598

Overall Cable Construction

- Buffer tube
- High Modulus Polymeric material.

Dimension: 2.8 mm., nominal.

Tube and fiber color code per EIA/TIA-598 or as specified by customer.

- Filling compound: A non-toxic and dermatological safe antioxidant hydrocarbon based gel.
Dielectric Central strength member with water swellable yarns. An up-coat of polymer (if necessary per construction)

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 Riser Rated PVC. (or color per customer request)

A ripcord is applied under the outer sheath.

Cable Markings

REMFO 27 SERIES, FIBER OPTIC CABLE, # of fibers-SM, REMEE PRODUCTS CORP., TELEPHONE HANDSET SYMBOL, MM/YY (Month & Year of manufacture), OFNR C(ETL)US, Sequentially marked. Special print as required by customer.

Fiber Attenuation

