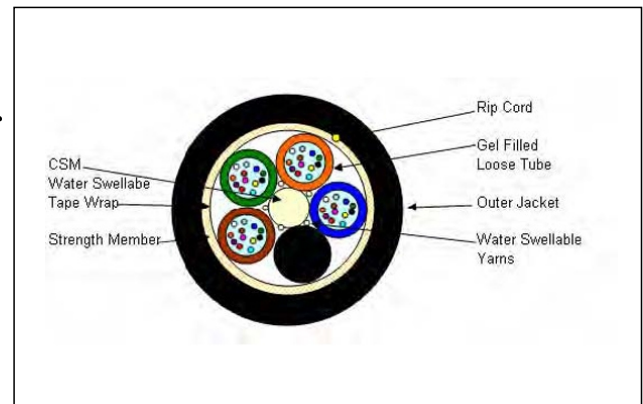


Part No.: 27-XXX-12H-ABSXNF

## 27 Series Loose Tube Indoor/Outdoor OFNR 50Micron MM 10Gig OM4

### Scope

This document establishes the specifications for a riser rated, indoor/outdoor, all dielectric, multimode OM4, dry block fiber optic cable in a loose buffer tube design suitable for duct or aerial lashed.



### Applications

Riser Indoor or Outdoor in duct or aerial lashed

### Applicable Documents

- TIA/EIA FOTP Standards 455
- Color Coding of Fiber Optic Cables TIA/EIA-598
- UL 1666
- GR-20-CORE

### Overall Cable Construction

- Buffer tube
  - High Modulus Polymeric material.  
Dimension: 2.8 mm, nominal with the exception of the 4 fiber cable which is 2.2mm, 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-50/125, OM4 10GIG, REMEE PRODUCTS CORP., MM/YY (Month & Year of manufacture), OFNR C(ETL)US, Sequentially marked.
- Special print as required by customer.

