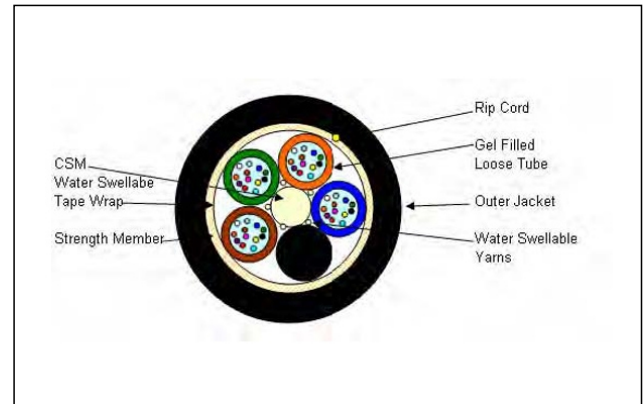


Part No.: 22-XXX-12D-EBSXWN

## 22 Series Loose Tube Single Jacket 50Micron MM 10Gig OM2

### Scope

This document establishes the specifications for an outdoor, all dielectric, multimode laser optimized OM2, dry block fiber optic cable in a loose buffer tube design.



### Applications

Outdoor duct/aerial lashed

### 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 for 76 fibers, 2.2mm, nominal for a 4 fiber cable and 1.98mm, nominal for a 2 fiber cable.
- 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.  
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.
- Cable Markings  
REMFO 22 SERIES, FIBER OPTIC CABLE, # of fibers-50/125, OM2 10GIG, REMEE PRODUCTS CORP., MM/YY (Month & Year of manufacture), Sequentially meter marked. Special print as required by customer.

