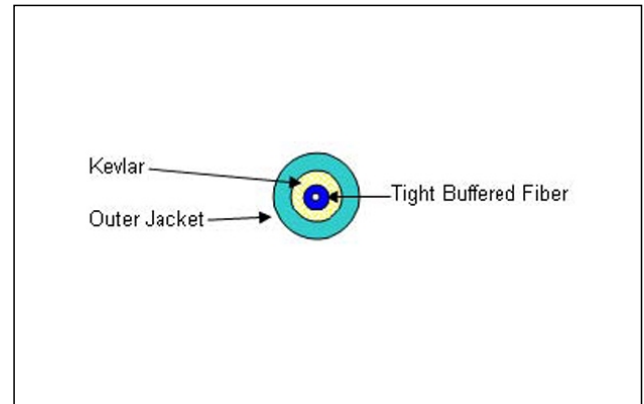


Part No.: 30-001-12D-RANONP

## 30-001-12D-RANONP

### Scope

This document establishes the specification requirements for a multimode OM2 general purpose simplex fiberoptic cable. This cable construction consists of multimode fiber in a simplex tight-buffered design with a plenum rated jacket suitable for indoors in the plenum space.



### Applications

Plenum Indoor

### Applicable Documents

- TIA/EIA FOTP Standards 455
- Color Coding of Fiber Optic Cables TIA/EIA-598
- UL 910
- GR-409-CORE

### Overall Cable Construction

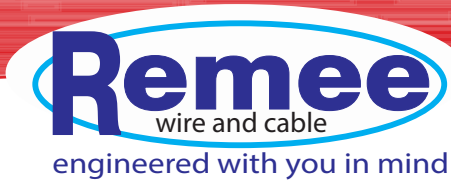
- Tight Buffered Fiber
- Dimension: 900 $\mu$ m, nominal.  
Tight buffered fiber color code: 1-blue
- Cable strength  
Aramid yarns are pulled in with the tight-buffered fiber under the outer jacket.
- Outer Sheath  
Aqua riser rated Plenum jacket (or color per customer request)
- Cable Markings  
REMFO 30 SERIES, FIBER OPTIC CABLE, 1-50/125 OM2, REMEE PRODUCTS CORP., MM/YY (month & year of manufacture), OFNP C(ETL)US, Sequentially meter marked.
- Special print as required by customer.

### Fiber Attenuation

$\leq 3.0/1.0$  dB/km

### Fiber Bandwidth

$\geq 750/500$  MHz-km



### Mechanical & Environmental Performance

- Storage Temperature Range  $\pm C$  -40 to +85
- Operating Temperature Range  $\pm C$  -20 to +85
- Max. Tensile Load for Installation N (lbf) 350 (79)
- Max. Tensile Load, Long-Term N (lbf) 125 (28)
- Min. Bend Radius, Unloaded -- 10 X O.D.
- Crush Resistance (EIA 455-41) N/cm 100
- Impact Resistance (EIA 455-25) Impacts 25
- Flexing,  $\pm 90^\circ$  (EIA 455-104) Cycles 25

### Warranty Info

All warranty information can be viewed at [www.remee.com](http://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.