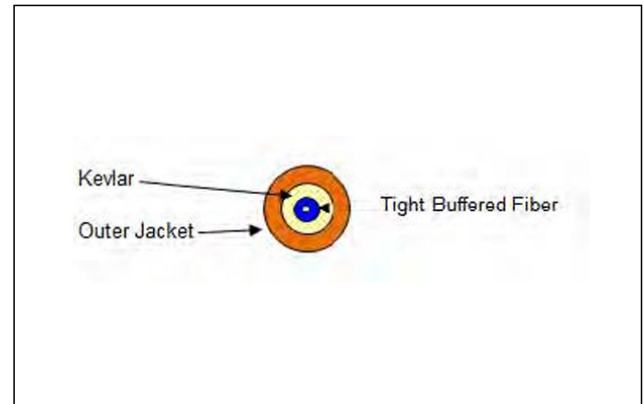


Part No.: 30-001-12C-RZNONP

## 30-001-12C-RZNONP

### Scope

This document establishes the specification requirements for a multimode 50/125 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  
Orange riser rated Plenum jacket (or color per customer request)
- Cable Markings  
REMFO 30 SERIES, FIBER OPTIC CABLE, 1-50/125, 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

$\geq 500/500$  MHz-km



## Mechanical & Environmental Performance

- Storage Temperature Range $\pm$ C	-40 to +85
- Operating Temperature Range $\pm$ C	-0 to +85
- Max. Tensile Load for Installation N (lbf)	345 (77)
- Max. Tensile Load, Long-Term N (lbf)	125 (28)
- Min. Bend Radius, Unloaded --	10 X O.D.
- Min. Bend Radius, Loaded --	20 X O.D.
- Crush Resistance (EIA 455-41) N/cm	100
- Impact Resistance (EIA 455-25) Impacts	25
- Flexing, $\pm$ 90° (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.