

Part No.: 30-002-12H-RMNONP

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### Scope

This document establishes the specification requirements for a multimode OM4 general purpose duplex fiberoptic cable. This cable construction consists of 2 multimode fibers in a duplex 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, 2-orange
- Cable strength  
Aramid yarns are pulled in with the tight-buffered fiber under the siamese outer jacket.
- Outer Sheath  
Magenta riser rated PVC jacket (or color per customer request)
- Cable Markings  
REMFO 30 SERIES, FIBER OPTIC CABLE, 2-50/125 OM4, 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

$\geq 3500/500$  MHz-km



## Mechanical & Environmental Performance

- Storage Temperature Range °C -40 to +85
- Operating Temperature Range °C -20 to +85
- Max. Tensile Load for Installation N (lbf) 1000 (225)
- Max. Tensile Load, Long-Term N (lbf) 500 (112)
- Min. Bend Radius, Unloaded -- 10 X O.D.
- Crush Resistance (EIA 455-41) N/cm 100
- Impact Resistance (EIA 455-25) Impacts 25
- Flexing, ±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.