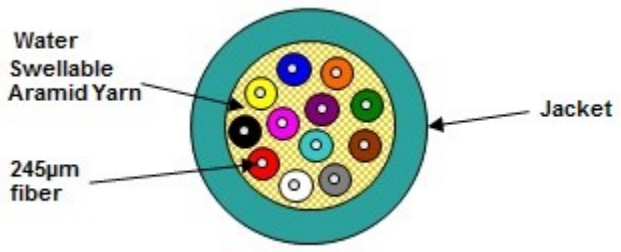
FIBER OPTIC CABLE

Product Specifications

Part No: 33M-XXX-XXX-RXNOOP Issue Date: 03/08/2026 Revision #: 13

33M-Series Micro Distribution I/O Plenum Rated Fiber Optic Cable

Cable Cross Section



(Representation of a standard 12 fiber construction)

Scope

This document establishes the specification requirements for an indoor/ outdoor micro distribution fiber optic cable. This cable construction consists of a 245µm fibers with aramid yarns and a plenum rated jacket.

Applications

Outdoors in duct, indoors in the plenum space, tray installations

Applicable Documents & Standards

•TIA/EIA FOTP Standards 455
•Color Coding of Fiber Optic Cables TIA/EIA-598
•NFPA262
•Compliant with ANSI/TIA-568-C.3 standard
•ICEA S-87-640 Standard

Cable Construction Details

•Fiber
Dimension: 245µm, Nominal
•Fiber Color Code:
As per TIA/EIA-598 standard or per customer requirement
•Cable Strength:
Water swellable aramid yarns are pulled in with the fibers under the outer jacket
•Overall Sheath: UV resistant remguard plenum rated polymer
•Surface Print: REMFO 33M-SERIES FIBER OPTIC CABLE XX (No. of Fibers)-XX (Fiber Type) INDOOR/OUTDOOR REMEE PRODUCTS CORP. MM/YY OFNP C(ETL)US MADE IN USA

Codes & Listings

•C(ETL)US
•OFNP
•NFPA 262, FT-6 Flame Rating

All warranty information can be viewed at WWW.REMEE.COM

Remee Wire & Cable
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Nominal Cable Dimensions & Weights			
Remee Products Part Number	Number of Fibers	Cable OD in (mm)	Weight lb/1000ft (kg/km)
33M-002-XXX-RXNOOP	2	0.116(3.0)	5 (8)
33M-004-XXX-RXNOOP	4	0.116(3.0)	5 (8)
33M-006-XXX-RXNOOP	6	0.116(3.0)	5 (8)
33M-008-XXX-RXNOOP	8	0.116(3.0)	5 (8)
33M-012-XXX-RXNOOP	12	0.116(3.0)	5 (8)
33M-024-XXX-RXNOOP	24	0.122 (3.1)	5 (8)

**Cables printed in meters will have a "-MR" suffix on the part number.*

Jacket Color	
Designation	Color
B	Black
Y	Yellow
Z	Orange
A	Aqua

Fiber Type (P/N)	Maximum Attenuation dB/km				Overfill Launch Min Bandwidth (MHz-km)		EMBc (MHz-km)	Gigabit Ethernet Minimum Link Distance (Meters)		10 Gigabit Ethernet Minimum Link Distance (Meters)	
	850 nm	1300 nm	1310 nm	1550 nm	850 nm	1300 nm		850 nm	1300 nm	850 nm	1300 nm
62.5µm OM1 1GIG (22J)	3.2	1.0	N/A	N/A	200	600	N/A	300	550	32	-
50µm OM2 10GIG (12D)	3.0	1.0	N/A	N/A	750	500	N/A	800	550	150	-
50µm OM3 10GIG (12N or 12L)	3.0	1.0	N/A	N/A	1500	500	2000	1000	550	300	-
50µm OM4 10GIG (12V)	3.0	1.0	N/A	N/A	3500	500	4700	1040	550	550	-
50µm OM4 10GIG (12T) Corning	3.0	1.0	N/A	N/A	3500	500	4700	1040	550	550	-
50µm OM4 10GIG (12M) Prysmian	3.0	1.0	N/A	N/A	3500	500	4700	1040	550	550	-
50µm OM5 10GIG (12W)	3.0	1.0	N/A	N/A	3500	500	4700	1040	550	550	-
SM OS2 G.652.D (76K&76E) Typical 0.40/0.30dB/km	N/A	N/A	0.43	0.30	N/A	N/A	N/A	N/A	5000	N/A	10000
SM OS2 G.652.D (74K&74E)	N/A	N/A	0.35	0.25	N/A	N/A	N/A	N/A	5000	N/A	10000
SM OS2 G.652.D/G.657.A1 BIF (74B)*Prysmian	N/A	N/A	0.35	0.25	N/A	N/A	N/A	N/A	5000	N/A	10000
SM OS2 G.652.D/G.657.A1 BIF (76B)*Prysmian	N/A	N/A	0.40	0.30	N/A	N/A	N/A	N/A	5000	N/A	10000
SM OS2 G.652.D/G.657.A1 BIF (76U)* Corning	N/A	N/A	0.40	0.30	N/A	N/A	N/A	N/A	5000	N/A	10000
SM OS2 G.652.D/G.657.A2, B2 BIF (76F) Corning**	N/A	N/A	0.40	0.30	N/A	N/A	N/A	N/A	5000	N/A	10000
SM OS2 G.652.D/G.657.B3 BIF (76Y)* Corning**	N/A	N/A	0.40	0.30	N/A	N/A	N/A	N/A	5000	N/A	10000
SM OS2 G.652.D/G.657.A1 BIF (74V)*J-Fiber	N/A	N/A	0.35	0.25	N/A	N/A	N/A	N/A	5000	N/A	10000
SM OS2 G.652.D/G.657.A1 BIF (76V)*J-Fiber	N/A	N/A	0.40	0.30	N/A	N/A	N/A	N/A	5000	N/A	10000
SM OS2 G.652.D/G.657.A1 BIF (74O)*LS	N/A	N/A	0.35	0.25	N/A	N/A	N/A	N/A	5000	N/A	10000
SM OS2 G.652.D/G.657.A1 BIF (76O)*LS	N/A	N/A	0.40	0.30	N/A	N/A	N/A	N/A	5000	N/A	10000

** G.652d&G.657.A1 (76U&76B) Mandrel Radius of 10mm, 1 turn at 1550nm with an induced attenuation of ≤0.50dB (76U is Corning Ultra)& 76B is Pyrsmian Bendbright)*

*** G.652d&G.657.A2,B2 (76F) Mandrel Radius of 7.5mm, 1 turn at 1550nm with an induced attenuation of ≤0.40dB (76F is Corning Clearcurve LBL)*

**** G.652d& G.657.B3 (76Y) Mandrel Radius of 5.0mm, 1 turn at 1550nm with an induced attenuation of ≤0.10dB (76Y is Corning Clearcurve ZBL)*

Measured attenuations on shipping reels will not exceed the nominal values by 0.75 dB/km

Please call the factory for all other fiber types

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MADE IN USA

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Mechanical & Environmental Performance

•Maximum Tensile Load
Installation : 95N / 21lbf
Long Term : 25N / 5lbf

•Minimum Bending Radius
Loaded : 20 x Diameter
Unloaded : 10 x Diameter

•Impact Resistance (min.)
25 Impacts

•Flexing ± 90° (min.)
25 Cycles

•Temperature Rating
Operation : -20°C to +85°C
Installation : 0°C to +75°C
Storage : -40°C to +85°C

Warranty Information

All warranty information can be viewed at 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.

Preparation for Shipment

The cable shall be packaged to preclude the inducement of damage due to handling and transportation, and shall be in accordance with the best commercial practices available. Shipping containers shall be constructed as to eliminate any possible damage to the cables due to shipment.

Note: While Remee Products Corp. has made every reasonable effort to ensure the accuracy of the information in this document. Remee Products Corp. reserves the right to make any adjustments to the information contained herein at any time without notice. Remee Products Corp. expressly disclaims all implied warranties regarding the information contained herein, including but not limited to, any implied warranties of merchantability or fitness for particular purpose. The dimensions in this documents are for reference purposes only and are subject to change without notice.

Spec Approval (Custom Designs Only)

Your signature constitutes that you have read and agreed to this specification sheet and upon confirmation of your order. The Remee Wire & Cable warranty is an integral part of this specification. This item may be non-cancelable and non-returnable.

Signature:_____Date:_____

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