

1.0 SCOPE

This document establishes the specification requirements for an indoor/outdoor multimode distribution fiberoptic cable. This cable construction consists of a distribution tight-buffered design with a plenum rated jacket.

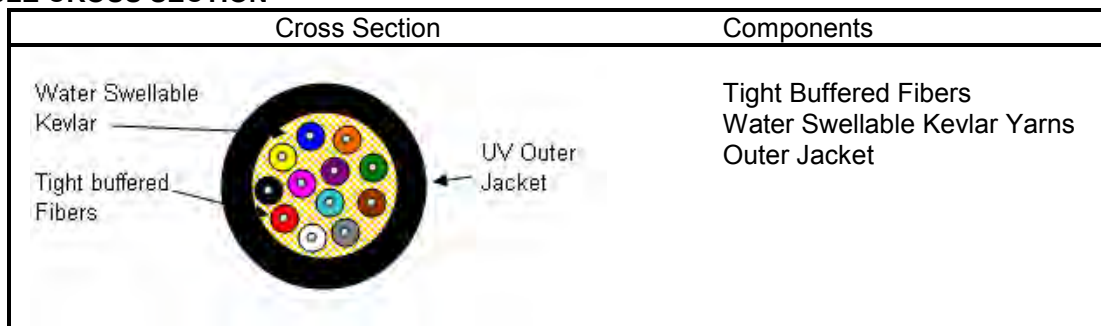
2.0 APPLICABLE DOCUMENTS

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

3.0 REQUIREMENTS

This document contains test values for all-important mechanical, optical, and environmental parameters and as such, is the basis for all-incoming inspection and acceptance.

4.0 CABLE CROSS SECTION



5.0 OVERALL CABLE CONSTRUCTION

5.1 Tight Buffered Fiber

Dimension: 900µm, nominal.

Tight buffered fiber color code: 1-blue, 2-orange, 3-green, 4-brown, 5-slate, 6-white, 7-red, 8-black, 9-yellow, 10-violet, 11-rose, and 12-aqua.

5.2 Cable strength

Water swellable aramid yarns are pulled in with the tight-buffered fibers under the outer jacket.

5.3 Outer Sheath

Black UV Resistant plenum rated jacket (or color per customer request)

5.4 Cable Markings

REMFO 33 SERIES, FIBER OPTIC CABLE, XX (No. of fibers)-50/125, REMEE PRODUCTS CORP., MM/YY (month & year of manufacture), OFNP C(ETL)US, Sequentially meter marked.

Special print as required by customer.

5.5 Nominal Cable Dimensions & Weights

Remee Products Part Number	No. of Fibers	Cable OD (mm)	Cable OD (in.)	Weight KG/KM	Weight LB/1000ft
33-002-12C-RBNOOP	2	4.3	.170	18	12
33-004-12C-RBNOOP	4	4.4	.185	21	14
33-006-12C-RBNOOP	6	4.6	.200	27	18
33-008-12C-RBNOOP	8	5.0	.215	31	20
33-012-12C-RBNOOP	12	5.8	.250	39	26

