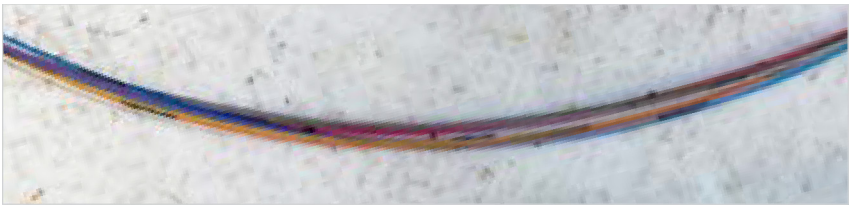
AIR BLOWN MICRO FIBER CABLE

FIBER AND LOOSE BUFFER TUBE IDENTIFICATION

The color code of the loose buffer tubes and the individual fibers within each loose buffer tube shall be in accordance with tables below.

Fiber Position	Color	Fiber Position	Color*
1	Blue	13	Blue / Black Hash Marking
2	Orange	14	Orange / Black Hash Marking
3	Green	15	Green / Black Hash Marking
4	Brown	16	Brown / Black Hash Marking
5	Slate	17	Slate / Black Hash Marking
6	White	18	White / Black Hash Marking
7	Red	19	Red / Black Hash Marking
8	Black	20	Clear / Black Hash Marking
9	Yellow	21	Yellow / Black Hash Marking
10	Violet	22	Violet / Black Hash Marking
11	Rose	23	Rose / Black Hash Marking
12	Aqua	24	Aqua / Black Hash Marking

** Hash mark identifiers on fibers 13 through 24*



COLOR CODE OF THE LOOSE BUFFER TUBES (24 - 144 FIBER)

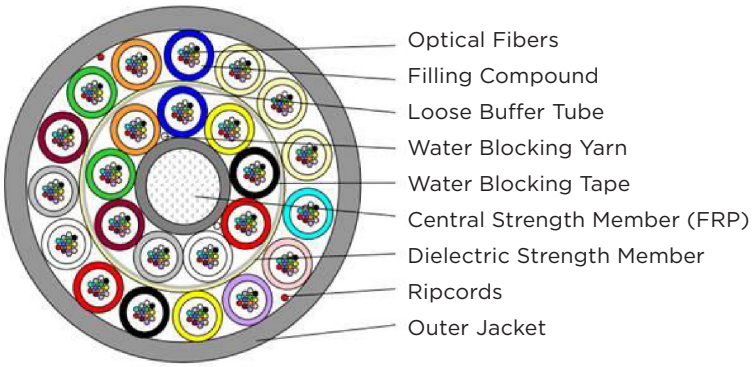
Loose Buffer Tube Position (1st Layer)	Color	Loose Buffer Tube Position (2ndLayer)	Color
1	Blue	7	Red
2	Orange	8	Black
3	Green	9	Yellow
4	Brown	10	Violet
5	Slate	11	Rose
6	White	12	Aqua

SPLICING NOTE: IMPORTANT

There are no identification markings on the final three (3) natural colored buffer tubes (number 13, 14, 15) located in the 2nd and outermost layer of the cable. The cable is manufactured in two (2) layers with each layer easily identifiable as indicated in the chart below.

Layer 1 buffer tubes have binders around them and are attached to the central strength member (CSM). This layer consists of buffer tubes 1 thru 9 or blue thru yellow and contain no natural buffer tubes. When splicing these are fibers 1 thru 108. Layer 2 is the outermost layer of buffer tubes nearest the outer jacket and are tubes 1 thru 15 or blue thru aqua, plus three (3) natural colored tubes. These fibers are 109 thru 288.

288-FIBER AIR BLOWN CABLE DESIGN

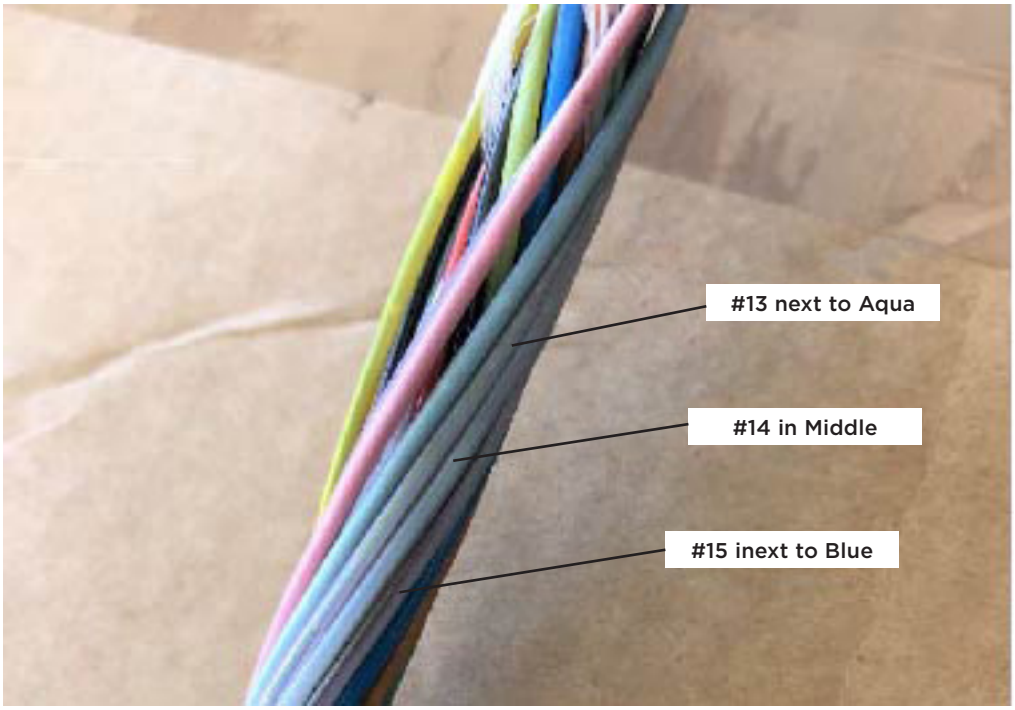


COLOR CODE OF THE LOOSE BUFFER TUBES (288 FIBER)

Loose Buffer Tube Position (1st Layer)	Color	Loose Buffer Tube Position (2nd Layer)	Color
1	Blue	1	Blue
2	Orange	2	Orange
3	Green	3	Green
4	Brown	4	Brown
5	Slate	5	Slate
6	White	6	White
7	Red	7	Red
8	Black	8	Black
9	Yellow	9	Yellow
		10	Violet
		11	Rose
		12	Aqua
		13	Natural
		14	Natural
		15	Natural

If splicers transition back toward the point that the buffer tubes exit the cable, keep this in mind:

- 13th Neutral tube: Located next to Aqua tube
- 14th Neutral tube: In the middle of Natural Colored tubes
- 15th Neutral tube: Next to the Blue tube on the 2nd Layer



By removing the outer jacket of the cable you will notice the three (3) natural tubes with #13 next to the aqua buffer tube, #14 in the middle of the three (3) natural tubes, and #15 next to the blue buffer tube all in the outermost layer. These natural buffer tubes should be tagged as close as possible to the point they exit the jacket to ensure they are noted properly before any separation has occurred. This step is important and will eliminate the need to pass light down the fiber for identification.