



A E R I A L Fiber Distribution Hub

Installation Instructions





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Product Description/Overview

STL's Aerial FDH (Fiber Distribution Hub) is a critical component in fiber FTTH (Fiber to the Home) PON deployments. It acts as a central point for connecting and distributing fiber optic cables, containing optical splitters. The Aerial FDH facilitates the connection between feeder and distribution cables, enabling the delivery of high-speed internet and other services to homes and businesses. Service connections, reconfigurations and testing in the outside plant network are greatly simplified and faster. Designed for those applications where mounting to the pole is prohibitive and ground mount cabinets are not possible, STL's Aerial FDH uses an offset bracket which mounts directly on the messenger strand allowing the FDH to hang below lashed telecommunications cabling. By attaching to the strand, many permitting restrictions can be avoided as well as gaining increased security vs. traditional ground mount cabinets. The Aerial FDH may be used in both centralized and distributed split architectures.

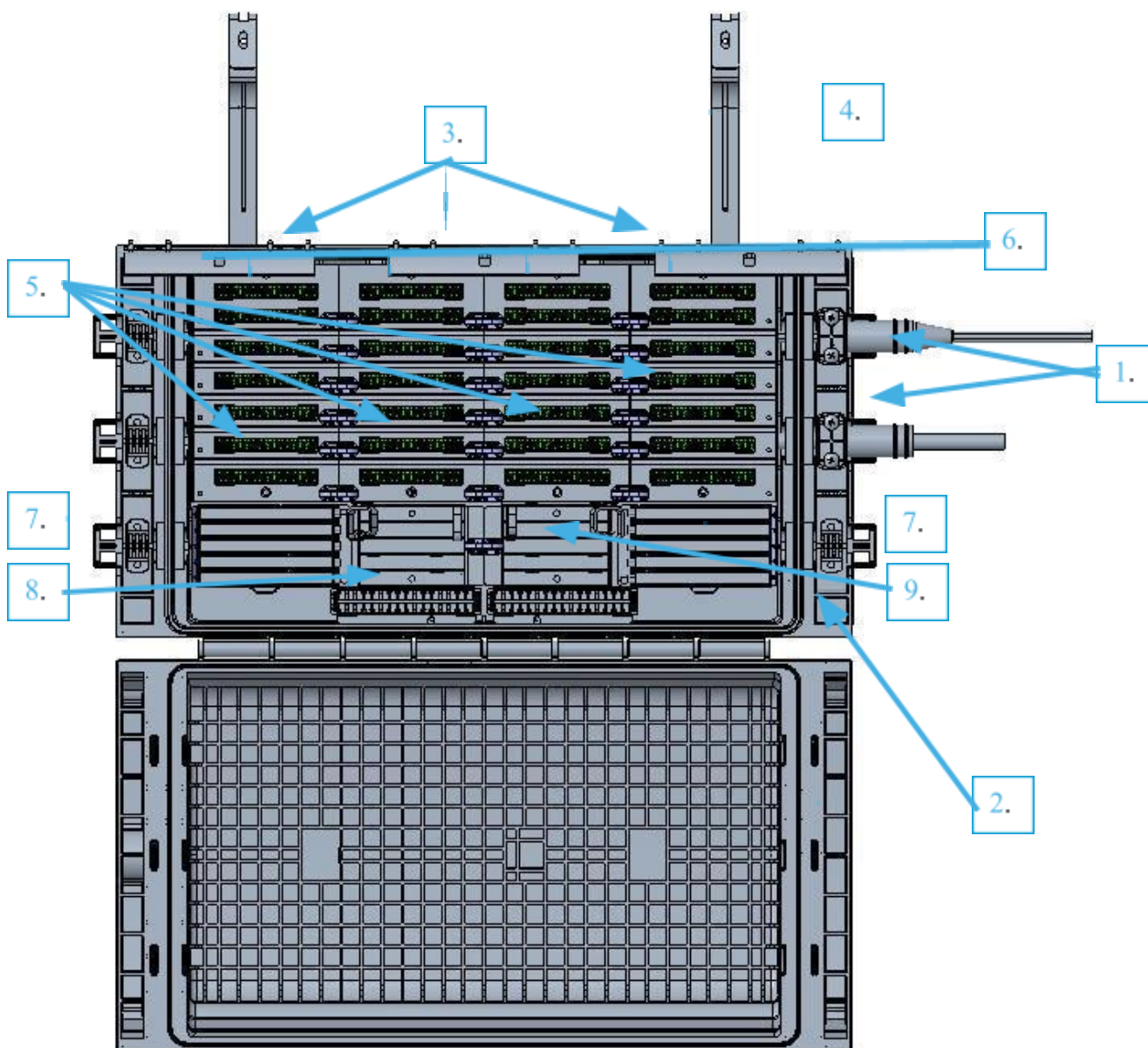
Features:

- Equipped with 100-foot IBR (Intermittently Bonded Ribbon) factory terminated and tested feeder and distribution cables for simplified field installation. 12, 24 or 48 fiber feeder cable options.
- Available in either 144 or 288 output distribution ports.
- 10 splitter slots available.
 - a. 1x16, 1x32 or 1x64 splitters may be used
- Splitters are either factory installed based on customer specifications or installed by customer as needed.
- Intuitive fiber routing paths with bend radius protection.
- Slack storage.
- A2 bend insensitive fiber is used on all splitter tails (1.2mm).
- Integrated parking lot feature for up to 64 fibers.
- Molded IP55 hinged case.
- Dimension – [21" X 11" X 8"] 540 x 288 x 205mm
- LC connections with pull tabs.

Technical Specifications

Dimensions	21" x 11" x 8" (540 x 288 x 205)
Weight	~20lbs (9kg)
Feeder Ports	12-48
Distribution Ports	96-288
Cable Entrances	6
Mounting Options	Aerial, Pedestal
Splitter Slots	10
Connector Types	LC/APC
Cable Types	12-48F IBR Flat, 96-288 IBR Round

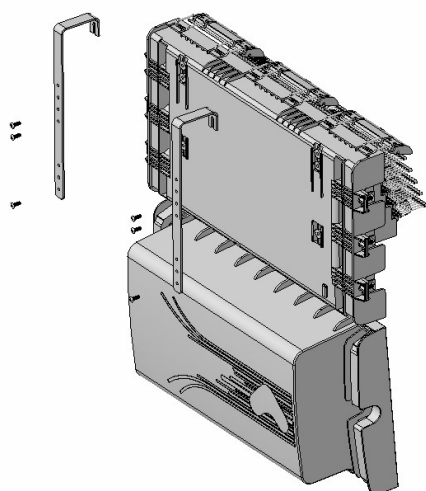
Components



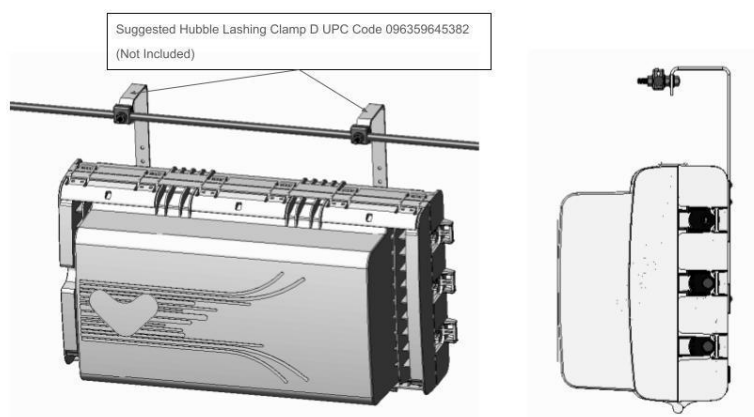
1. Fiber Feeder and Distribution Cables
2. Closure Base and Lid
3. Clasps for Sealing Closure
4. Aerial Strand Mount Bracket
5. FDH Distribution Ports
6. FDH Feeder Ports
7. Splitter Slots
8. Parking Lot
9. Splitter Pigtail Storage

Aerial Strand Mounting & Hanger Bracket Installation Instructions

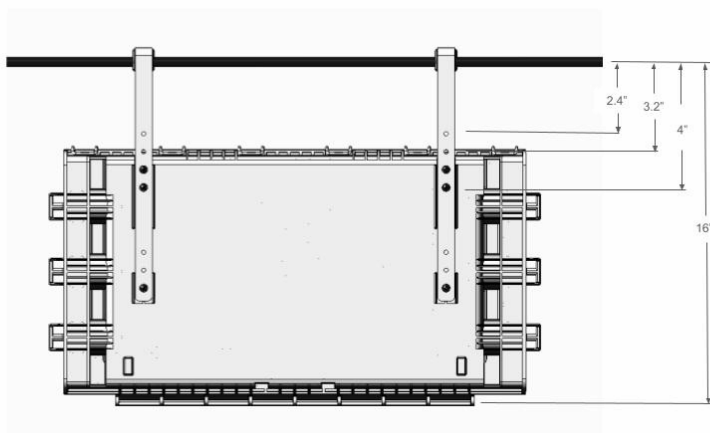
The Aerial FDH is designed for easy installation to the messenger strand. Secure the aerial mount bracket to the back of the base of the closure with 4 provided screws. The brackets have a slotted opening allowing for height adjustment in relation to the strand.



Suggested Orientation



Hanger Bracket Distance from Strand



Loosen the outer nut on the bug nut and position on the messenger strand. Secure to the strand by tightening the outer nut with a can wrench or socket wrench.



Feeder and Distribution Cables

Feeder cables are available with either a 12, 24 or 48-fiber IBR (intermittently bonded ribbon) all dielectric fiber optic cable or Loose Buffer Tube (LBT) style cable. The standard length for both the Feeder and Distribution cables is 100-feet and will enter the FDH on the right-hand side as shown in the Components diagram.

Both Feeder and Distribution cables are factory spliced to the Feeder and Distribution ports (see Component layout diagram).

Feeder and Distribution cables are to be spliced in a splice case per industry standard and specific manufacturer guidelines for the splice case being used.

Opening and Closing



STL's Aerial FDH is equipped with 3 latches for securing the lid to the base of the closure.

To open, simply release the latches and allow the lid to swing down gently. Reverse for closing.

Labeling

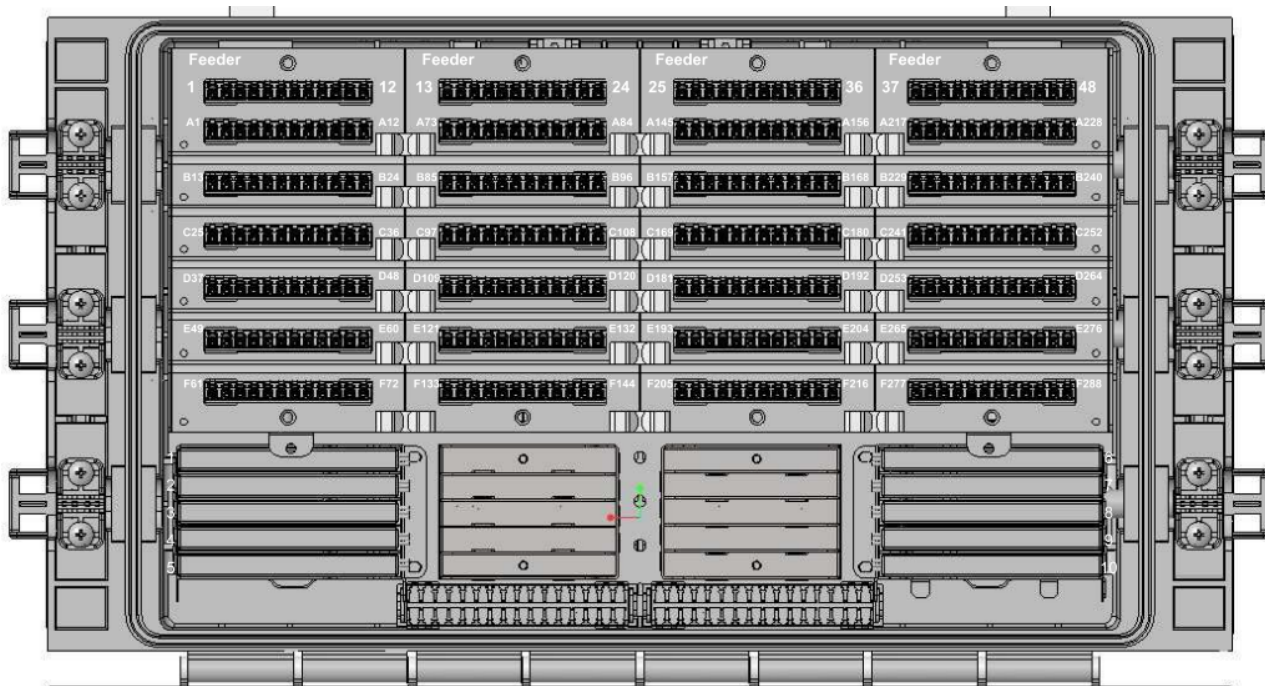


Diagram above shows the FDH as it would hang on the strand.

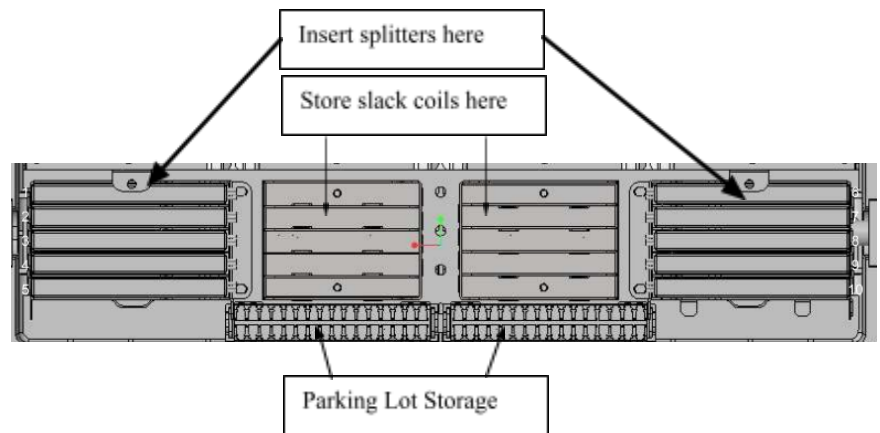
The top row of LC adapters is labeled 1–48 for the Feeder ports. The number of active feeder ports is determined by the Feeder fiber count chosen, 12, 24 or 48.

Below the Feeder ports are the Distribution ports labeled either 1– 144 or 1-288 depending on which version of the Aerial FDH is being deployed.

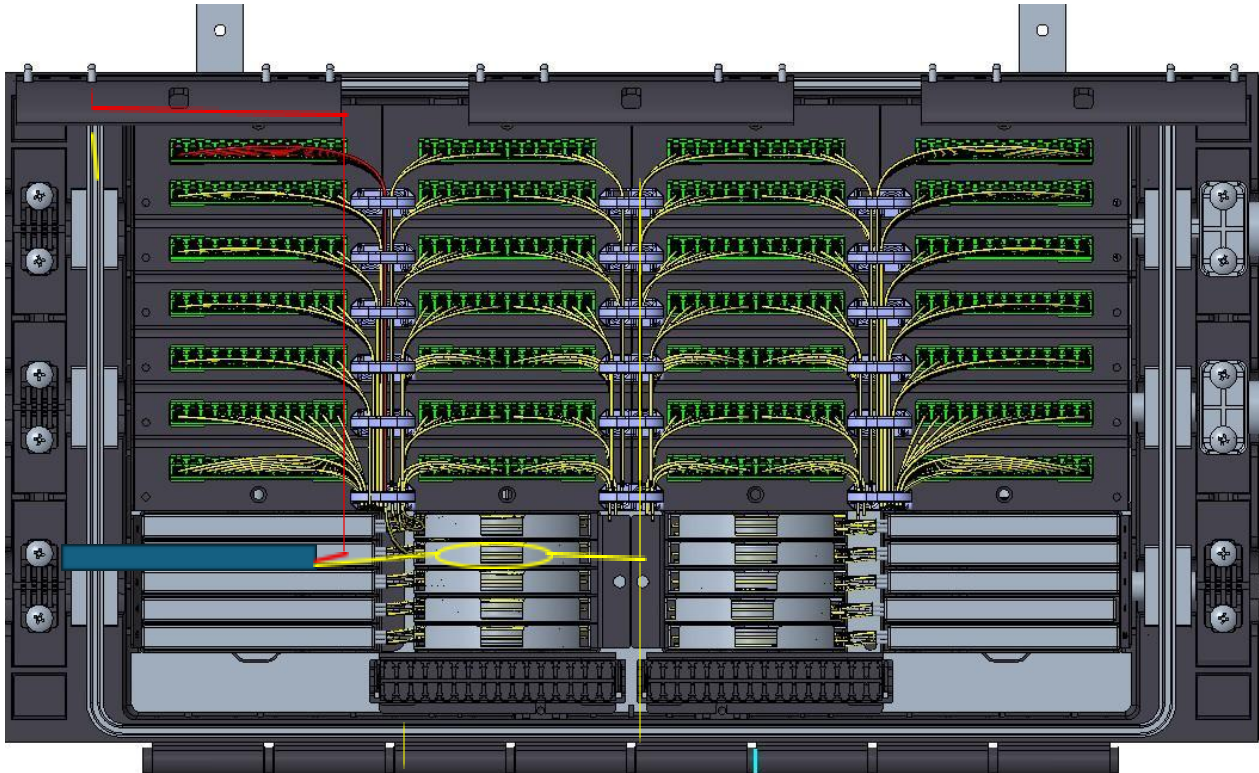
Splitter slots are found on the bottom left and right of the closure with slots 1-5 on the left and 6-10 on the right. It is recommended to start with the first splitter installed in slot 1.

Splitter Installation

10 splitter slots are available in the Aerial FDH. 1X32 Splitter outputs comprised of 1.2mm cordage come connected to a parking lot for easy storage within the closure. There are parking slots for 2 splitters (1X32). Single red fiber indicates the splitter input. All output fibers are individually labeled. It is recommended to install the first splitter in slot #1, second splitter in slot #6, third splitter in slot #2. Continue populating in this manner working left to right and top to bottom.



Splitter Pigtail Routing



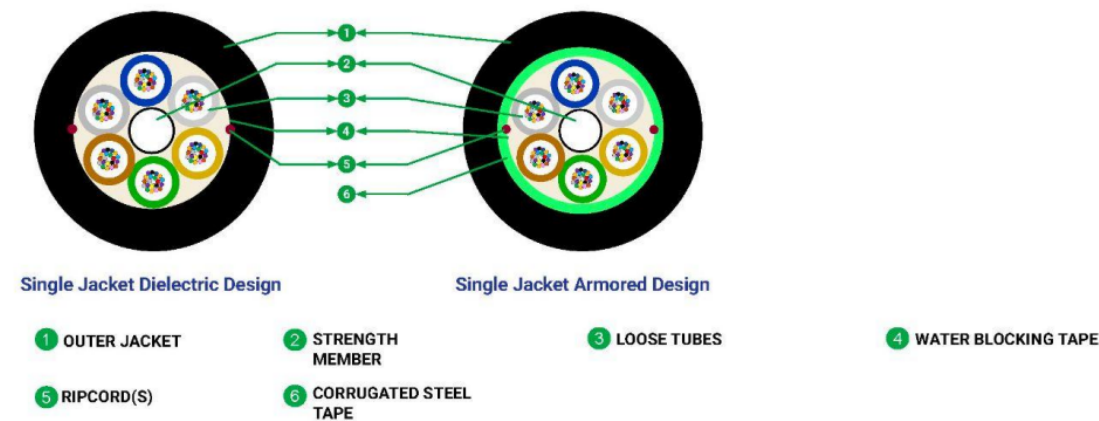
Install splitters starting with the top left slot (#1). Route and connect red input fiber of the splitter to Feeder port #1. Route and connect yellow output fibers from the splitter to Distribution ports as needed with any unused splitter output fibers stored in the Parking Lot. Follow branch and tree method shown in the diagram above utilizing the fiber management rings. Keep excess slack from the splitter output fibers coiled in the slack storage slots. It is recommended to install the first splitter in slot #1, second splitter in slot #6, third splitter in slot #2. Continue populating in this manner working left to right and top to bottom

Splicing

Feeder (12, 24 or 48 fiber) and Distribution (144 or 288 fiber) cables are available in either STL's RapidTube, which is a standard loose buffer tube type cable or Celesta Intermittently Bonded Ribbon (IBR) fiber cable.

RapidTube

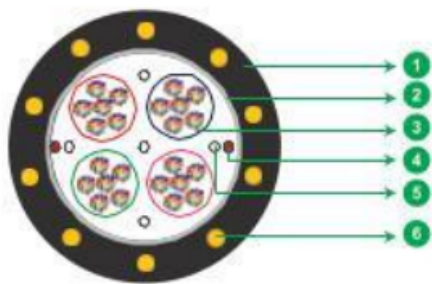
MLT OFC - Duct & Armored



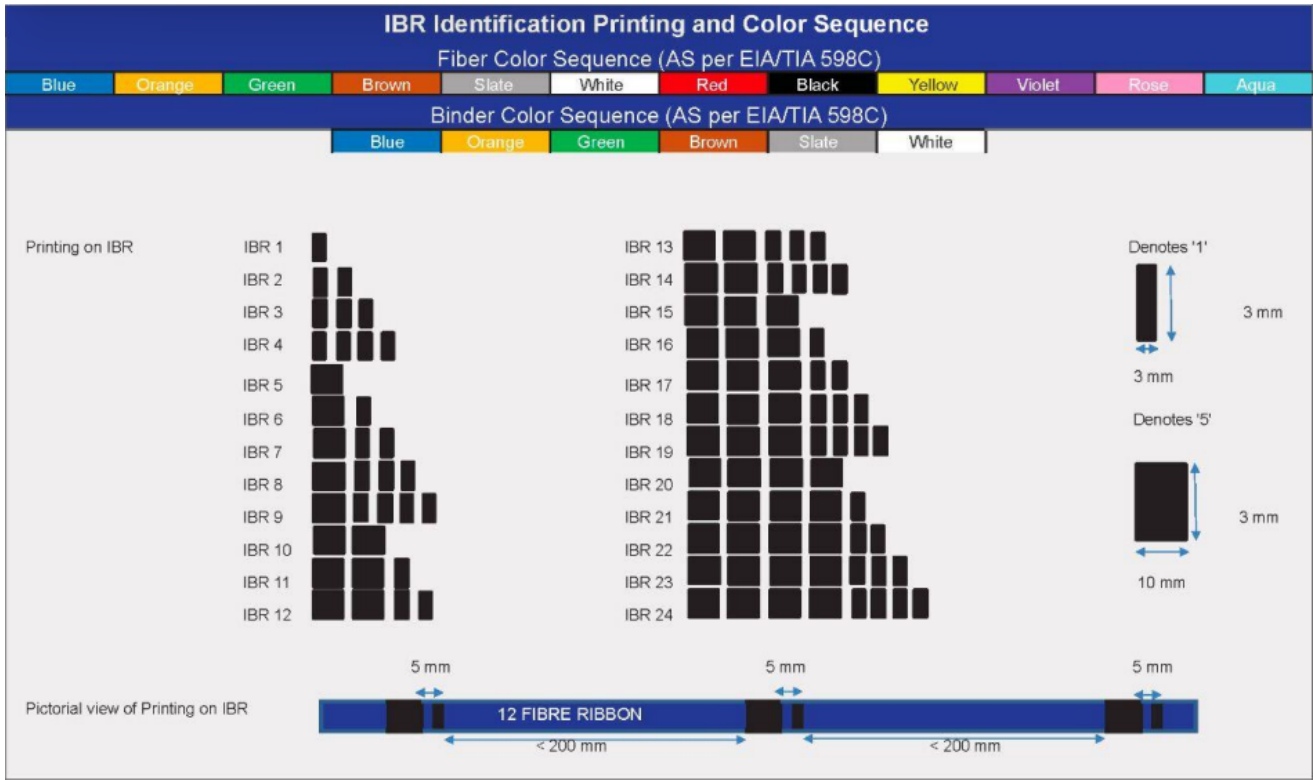
Fiber Color Sequence (as per EIA/TIA 598C)											
Blue	Orange	Green	Brown	Slate	White	Red	Black	Yellow	Violet	Pink	Aqua

Celesta (IBR)

Intermittently Bonded Ribbon OFC
Single Sheath Duct



48F-576F



1.6/032026

SPLICING TABLE

APPENDIX A

Multi-Loose Tube Cable			Uni-Tube Matrix Ribbon		Multi-tube Matrix Ribbon			IBR Ribbon Cable			
Port Number	Buffer Tube Color	Fiber Color	Ribbon Number	Fiber Color	Buffer Tube Color	Ribbon Number	Fiber Color	Buffer Tube Color	Binder Color	Ribbon Marking	Fiber Color
1	Blue	Blue	1	Blue	Blue	1	Blue	Blue	Blue		Blue
2		Orange		Orange			Orange				Orange
3		Green		Green			Green				Green
4		Brown		Brown			Brown				Brown
5		Slate		Slate			Slate				Slate
6		White		White			White				White
7		Red		Red			Red				Red
8		Black		Black			Black				Black
9		Yellow		Yellow			Yellow				Yellow
10		Violet		Violet			Violet				Violet
11		Rose		Rose			Rose				Rose
12		Aqua		Aqua			Aqua				Aqua
13	Orange	Blue	2	Blue	Blue	2	Blue	Blue	Blue		Blue
14		Orange		Orange			Orange				Orange
15		Green		Green			Green				Green
16		Brown		Brown			Brown				Brown
17		Slate		Slate			Slate				Slate
18		White		White			White				White
19		Red		Red			Red				Red
20		Black		Black			Black				Black
21		Yellow		Yellow			Yellow				Yellow
22		Violet		Violet			Violet				Violet
23		Rose		Rose			Rose				Rose
24		Aqua		Aqua			Aqua				Aqua
25	Green	Blue	3	Blue	Blue	3	Blue	Blue	Green		Blue
26		Orange		Orange			Orange				Orange
27		Green		Green			Green				Green
28		Brown		Brown			Brown				Brown
29		Slate		Slate			Slate				Slate
30		White		White			White				White
31		Red		Red			Red				Red
32		Black		Black			Black				Black
33		Yellow		Yellow			Yellow				Yellow
34		Violet		Violet			Violet				Violet
35		Rose		Rose			Rose				Rose
36		Aqua		Aqua			Aqua				Aqua
37	Brown	Blue	4	Blue	Blue	4	Blue	Blue	Green		Blue
38		Orange		Orange			Orange				Orange
39		Green		Green			Green				Green
40		Brown		Brown			Brown				Brown
41		Slate		Slate			Slate				Slate
42		White		White			White				White
43		Red		Red			Red				Red
44		Black		Black			Black				Black
45		Yellow		Yellow			Yellow				Yellow
46		Violet		Violet			Violet				Violet
47		Rose		Rose			Rose				Rose
48		Aqua		Aqua			Aqua				Aqua

Port Number	Buffer Tube Color	Fiber Color		Ribbon Number	Fiber Color		Buffer Tube Color	Ribbon Number	Fiber Color		Buffer Tube Color	Binder Color	Ribbon Marking	Fiber Color
49	Slate	Blue		5	Blue		Blue	5	Blue		Orange	Blue		Blue
50		Orange	Orange		Orange	Orange								
51		Green	Green		Green	Green								
52		Brown	Brown		Brown	Brown								
53		Slate	Slate		Slate	Slate								
54		White	White		White	White								
55		Red	Red		Red	Red								
56		Black	Black		Black	Black								
57		Yellow	Yellow		Yellow	Yellow								
58		Violet	Violet		Violet	Violet								
59		Rose	Rose		Rose	Rose								
60	Aqua	Aqua		6	Aqua		Blue	6	Aqua		Orange	Blue		Aqua
61	Blue	Blue	Blue		Blue									
62	Orange	Orange	Orange		Orange									
63	Green	Green	Green		Green									
64	Brown	Brown	Brown		Brown									
65	Slate	Slate	Slate		Slate									
66	White	White	White		White									
67	Red	Red	Red		Red									
68	Black	Black	Black		Black									
69	Yellow	Yellow	Yellow		Yellow									
70	Violet	Violet	Violet		Violet									
71	Rose	Rose		7	Rose		Orange	7	Rose		Green	Green		Rose
72	Aqua	Aqua	Aqua		Aqua									
73	Blue	Blue	Blue		Blue									
74	Orange	Orange	Orange		Orange									
75	Green	Green	Green		Green									
76	Brown	Brown	Brown		Brown									
77	Slate	Slate	Slate		Slate									
78	White	White	White		White									
79	Red	Red	Red		Red									
80	Black	Black	Black		Black									
81	Yellow	Yellow	Yellow		Yellow									
82	Violet	Violet	Violet	Violet										
83	Rose	Rose	Rose	Rose										
84	Aqua	Aqua	Aqua	Aqua										
85	Blue	Blue	Blue	Blue										
86	Orange	Orange	Orange	Orange										
87	Green	Green	Green	Green										
88	Brown	Brown	Brown	Brown										
89	Slate	Slate	Slate	Slate										
90	White	White	White	White										
91	Red	Red	Red	Red										
92	Black	Black	Black	Black										
93	Yellow	Yellow	Yellow	Yellow										
94	Violet	Violet	Violet	Violet										
95	Rose	Rose	Rose	Rose										
96	Aqua	Aqua	Aqua	Aqua										

Port Number	Buffer Tube Color	Fiber Color		Ribbon Number	Fiber Color		Buffer Tube Color	Ribbon Number	Fiber Color		Buffer Tube Color	Binder Color	Ribbon Marking	Fiber Color		
97	Yellow	Blue		9	Blue		Orange	9	Blue		Brown	Blue		Blue		
98		Orange	Orange		Orange	Orange										
99		Green	Green		Green	Green										
100		Brown	Brown		Brown	Brown										
101		Slate	Slate		Slate	Slate										
102		White	White		White	White										
103		Red	Red		Red	Red										
104		Black	Black		Black	Black										
105		Yellow	Yellow		Yellow	Yellow										
106		Violet	Violet		Violet	Violet										
107	Rose	Rose	Rose	Rose												
108	Aqua	Aqua	Aqua	Aqua												
109	Violet	Blue		10	Blue				10	Blue			Blue	Blue		Blue
110		Orange	Orange		Orange	Orange										
111		Green	Green		Green	Green										
112		Brown	Brown		Brown	Brown										
113		Slate	Slate		Slate	Slate										
114		White	White		White	White										
115		Red	Red		Red	Red										
116		Black	Black		Black	Black										
117		Yellow	Yellow		Yellow	Yellow										
118		Violet	Violet		Violet	Violet										
119	Rose	Rose	Rose	Rose												
120	Aqua	Aqua	Aqua	Aqua												
121	Blue	Blue	Blue	Blue												
122	Rose	Orange		11	Orange				11	Orange		Green	Green		Orange	
123		Green	Green		Green	Green										
124		Brown	Brown		Brown	Brown										
125		Slate	Slate		Slate	Slate										
126		White	White		White	White										
127		Red	Red		Red	Red										
128		Black	Black		Black	Black										
129		Yellow	Yellow		Yellow	Yellow										
130		Violet	Violet		Violet	Violet										
131		Rose	Rose		Rose	Rose										
132	Aqua	Aqua	Aqua	Aqua												
133	Aqua	Blue		12	Blue				12	Blue				Green	Green	
134		Orange	Orange		Orange	Orange										
135		Green	Green		Green	Green										
136		Brown	Brown		Brown	Brown										
137		Slate	Slate		Slate	Slate										
138		White	White		White	White										
139		Red	Red		Red	Red										
140		Black	Black		Black	Black										
141		Yellow	Yellow		Yellow	Yellow										
142		Violet	Violet		Violet	Violet										
143		Rose	Rose		Rose	Rose										
144		Aqua	Aqua		Aqua	Aqua										

Port Number	Buffer Tube Color	Fiber Color					Buffer Tube Color	Ribbon Number	Fiber Color		Buffer Tube Color	Binder Color	Ribbon Marking	Fiber Color
145	Blue - Black *	Blue					Green	13	Blue		Slate	Blue		Blue
146		Orange							Orange					Orange
147		Green							Green					Green
148		Brown							Brown					Brown
149		Slate							Slate					Slate
150		White							White					White
151		Red							Red					Red
152		Black							Black					Black
153		Yellow							Yellow					Yellow
154		Violet							Violet					Violet
155	Orange - Black *	Rose						14	Rose					Rose
156		Aqua							Aqua					Aqua
157		Blue							Blue					Blue
158		Orange							Orange					Orange
159		Green							Green					Green
160		Brown							Brown					Brown
161		Slate							Slate					Slate
162		White							White					White
163		Red							Red					Red
164		Black							Black					Black
165	Green - Black *	Yellow						15	Yellow		Slate	Green		Yellow
166		Violet							Violet					Violet
167		Rose							Rose					Rose
168		Aqua							Aqua					Aqua
169		Blue							Blue					Blue
170		Orange							Orange					Orange
171		Green							Green					Green
172		Brown							Brown					Brown
173		Slate							Slate					Slate
174		White							White					White
175	Brown - Black *	Red					Green	16	Red			Green		Red
176		Black							Black					Black
177		Yellow							Yellow					Yellow
178		Violet							Violet					Violet
179		Rose							Rose					Rose
180		Aqua							Aqua					Aqua
181		Blue							Blue					Blue
182		Orange							Orange					Orange
183		Green							Green					Green
184		Brown							Brown					Brown
185		Slate							Slate					Slate
186		White							White					White
187		Red							Red					Red
188		Black							Black					Black
189		Yellow							Yellow					Yellow
190		Violet							Violet					Violet
191		Rose							Rose					Rose
192		Aqua							Aqua					Aqua

Port Number	Buffer Tube Color	Fiber Color					Buffer Tube Color	Ribbon Number	Fiber Color		Buffer Tube Color	Blinder Color	Ribbon Marking	Fiber Color
193	Slate - Black*	Blue					Green	17	Blue		White	Blue		Blue
194		Orange							Orange					Orange
195		Green							Green					Green
196		Brown							Brown					Brown
197		Slate							Slate					Slate
198		White							White					White
199		Red							Red					Red
200		Black							Black					Black
201		Yellow							Yellow					Yellow
202		Violet							Violet					Violet
203	White - Black*	Rose					Green	18	Rose		White	Blue		Rose
204		Aqua							Aqua					Aqua
205		Blue							Blue					Blue
206		Orange							Orange					Orange
207		Green							Green					Green
208		Brown							Brown					Brown
209		Slate							Slate					Slate
210		White							White					White
211		Red							Red					Red
212		Black							Black					Black
213	Red - Black*	Yellow					Brown	19	Yellow		White	Blue		Yellow
214		Violet							Violet					Violet
215		Rose							Rose					Rose
216		Aqua							Aqua					Aqua
217		Blue							Blue					Blue
218		Orange							Orange					Orange
219		Green							Green					Green
220		Brown							Brown					Brown
221		Slate							Slate					Slate
222		White							White					White
223	Red - Black*	Red					Brown	19	Red		White	Blue		Red
224		Black							Black					Black
225		Yellow							Yellow					Yellow
226		Violet							Violet					Violet
227		Rose							Rose					Rose
228		Aqua							Aqua					Aqua
229		Blue							Blue					Blue
230		Orange							Orange					Orange
231		Green							Green					Green
232		Brown							Brown					Brown
233	Black - Gray*	Slate					Brown	20	Slate		Green	Green		Slate
234		White							White					White
235		Red							Red					Red
236		Black							Black					Black
237		Yellow							Yellow					Yellow
238		Violet							Violet					Violet
239		Rose							Rose					Rose
240		Aqua							Aqua					Aqua

Port Number	Buffer Tube Color	Fiber Color					Buffer Tube Color	Ribbon Number	Fiber Color		Buffer Tube Color	Binder Color	Ribbon Marking	Fiber Color		
241	Yellow - Black *	Blue					Brown	21	Blue		Red	Blue		Blue		
242		Orange							Orange					Orange		
243		Green							Green					Green		
244		Brown							Brown					Brown		
245		Slate							Slate					Slate		
246		White							White					White		
247		Red							Red					Red		
248		Black							Black					Black		
249		Yellow							Yellow					Yellow		
250		Violet							Violet					Violet		
251		Rose							Rose					Rose		
252	Aqua					Aqua			Aqua							
253	Violet - Black *	Blue						22	Blue					Blue		Blue
254		Orange							Orange			Orange				
255		Green							Green			Green				
256		Brown							Brown			Brown				
257		Slate							Slate			Slate				
258		White							White			White				
259		Red							Red			Red				
260		Black							Black			Black				
261		Yellow							Yellow			Yellow				
262		Violet							Violet			Violet				
263		Rose							Rose			Rose				
264	Aqua					Aqua			Aqua							
265	Rose - Black *	Blue						23	Blue				Green			Blue
266		Orange							Orange			Orange				
267		Green							Green			Green				
268		Brown							Brown			Brown				
269		Slate							Slate			Slate				
270		White							White			White				
271		Red							Red			Red				
272		Black							Black			Black				
273		Yellow							Yellow			Yellow				
274		Violet							Violet			Violet				
275		Rose							Rose			Rose				
276	Aqua					Aqua			Aqua							
277	Aqua - Black *	Blue						24	Blue				Green			Blue
278		Orange							Orange			Orange				
279		Green							Green			Green				
280		Brown							Brown			Brown				
281		Slate							Slate			Slate				
282		White					White			White						
283		Red					Red			Red						
284		Black					Black			Black						
285		Yellow					Yellow			Yellow						
286		Violet					Violet			Violet						
287		Rose					Rose			Rose						
288	Aqua					Aqua		Aqua								

Top Cable		Multi-Loose Tube Cable		Bottom Cable		Multi-Loose Tube Cable	
Port type	Port Number	Buffer Tube Color	Fiber Color	Port type	Port Number	Buffer Tube Color	Fiber Color
Distribution	1	Blue	Blue	Distribution	145	Blue	Blue
Distribution	2		Orange	Distribution	146		Orange
Distribution	3		Green	Distribution	147		Green
Distribution	4		Brown	Distribution	148		Brown
Distribution	5		Slate	Distribution	149		Slate
Distribution	6		White	Distribution	150		White
Distribution	7		Red	Distribution	151		Red
Distribution	8		Black	Distribution	152		Black
Distribution	9		Yellow	Distribution	153		Yellow
Distribution	10		Violet	Distribution	154		Violet
Distribution	11		Rose	Distribution	155		Rose
Distribution	12		Aqua	Distribution	156		Aqua
Distribution	13	Orange	Blue	Distribution	157	Orange	Blue
Distribution	14		Orange	Distribution	158		Orange
Distribution	15		Green	Distribution	159		Green
Distribution	16		Brown	Distribution	160		Brown
Distribution	17		Slate	Distribution	161		Slate
Distribution	18		White	Distribution	162		White
Distribution	19		Red	Distribution	163		Red
Distribution	20		Black	Distribution	164		Black
Distribution	21		Yellow	Distribution	165		Yellow
Distribution	22		Violet	Distribution	166		Violet
Distribution	23		Rose	Distribution	167		Rose
Distribution	24		Aqua	Distribution	168		Aqua
Distribution	25	Green	Blue	Distribution	169	Green	Blue
Distribution	26		Orange	Distribution	170		Orange
Distribution	27		Green	Distribution	171		Green
Distribution	28		Brown	Distribution	172		Brown
Distribution	29		Slate	Distribution	173		Slate
Distribution	30		White	Distribution	174		White
Distribution	31		Red	Distribution	175		Red
Distribution	32		Black	Distribution	176		Black
Distribution	33		Yellow	Distribution	177		Yellow
Distribution	34		Violet	Distribution	178		Violet
Distribution	35		Rose	Distribution	179		Rose
Distribution	36		Aqua	Distribution	180		Aqua
Distribution	37	Brown	Blue	Distribution	181	Brown	Blue
Distribution	38		Orange	Distribution	182		Orange
Distribution	39		Green	Distribution	183		Green
Distribution	40		Brown	Distribution	184		Brown
Distribution	41		Slate	Distribution	185		Slate
Distribution	42		White	Distribution	186		White
Distribution	43		Red	Distribution	187		Red
Distribution	44		Black	Distribution	188		Black
Distribution	45		Yellow	Distribution	189		Yellow
Distribution	46		Violet	Distribution	190		Violet
Distribution	47		Rose	Distribution	191		Rose
Distribution	48		Aqua	Distribution	192		Aqua

Port type	Port Number	Buffer Tube Color	Fiber Color		Port type	Port Number	Buffer Tube Color	Fiber Color
Distribution	49	Slate	Blue		Distribution	193	Slate	Blue
Distribution	50		Orange		Distribution	194		Orange
Distribution	51		Green		Distribution	195		Green
Distribution	52		Brown		Distribution	196		Brown
Distribution	53		Slate		Distribution	197		Slate
Distribution	54		White		Distribution	198		White
Distribution	55		Red		Distribution	199		Red
Distribution	56		Black		Distribution	200		Black
Distribution	57		Yellow		Distribution	201		Yellow
Distribution	58		Violet		Distribution	202		Violet
Distribution	59	White	Rose		Distribution	203	White	Rose
Distribution	60		Aqua		Distribution	204		Aqua
Distribution	61		Blue		Distribution	205		Blue
Distribution	62		Orange		Distribution	206		Orange
Distribution	63		Green		Distribution	207		Green
Distribution	64		Brown		Distribution	208		Brown
Distribution	65		Slate		Distribution	209		Slate
Distribution	66		White		Distribution	210		White
Distribution	67		Red		Distribution	211		Red
Distribution	68		Black		Distribution	212		Black
Distribution	69	Red	Yellow		Distribution	213	Red	Yellow
Distribution	70		Violet		Distribution	214		Violet
Distribution	71		Rose		Distribution	215		Rose
Distribution	72		Aqua		Distribution	216		Aqua
Distribution	73		Blue		Distribution	217		Blue
Distribution	74		Orange		Distribution	218		Orange
Distribution	75		Green		Distribution	219		Green
Distribution	76		Brown		Distribution	220		Brown
Distribution	77		Slate		Distribution	221		Slate
Distribution	78		White		Distribution	222		White
Distribution	79	Black	Red		Distribution	223	Black	Red
Distribution	80		Black		Distribution	224		Black
Distribution	81		Yellow		Distribution	225		Yellow
Distribution	82		Violet		Distribution	226		Violet
Distribution	83		Rose		Distribution	227		Rose
Distribution	84		Aqua		Distribution	228		Aqua
Distribution	85		Blue		Distribution	229		Blue
Distribution	86		Orange		Distribution	230		Orange
Distribution	87		Green		Distribution	231		Green
Distribution	88		Brown		Distribution	232		Brown
Distribution	89	Black	Slate		Distribution	233	Black	Slate
Distribution	90		White		Distribution	234		White
Distribution	91		Red		Distribution	235		Red
Distribution	92		Black		Distribution	236		Black
Distribution	93		Yellow		Distribution	237		Yellow
Distribution	94		Violet		Distribution	238		Violet
Distribution	95		Rose		Distribution	239		Rose
Distribution	96		Aqua		Distribution	240		Aqua

Port type	Port Number	Buffer Tube Color	Fiber Color		Port type	Port Number	Buffer Tube Color	Fiber Color
Distribution	97	Yellow	Blue		Distribution	241	Yellow	Blue
Distribution	98		Orange		Distribution	242		Orange
Distribution	99		Green		Distribution	243		Green
Distribution	100		Brown		Distribution	244		Brown
Distribution	101		Slate		Distribution	245		Slate
Distribution	102		White		Distribution	246		White
Distribution	103		Red		Distribution	247		Red
Distribution	104		Black		Distribution	248		Black
Distribution	105		Yellow		Distribution	249		Yellow
Distribution	106		Violet		Distribution	250		Violet
Distribution	107	Violet	Rose		Distribution	251	Violet	Rose
Distribution	108		Aqua		Distribution	252		Aqua
Distribution	109		Blue		Distribution	253		Blue
Distribution	110		Orange		Distribution	254		Orange
Distribution	111		Green		Distribution	255		Green
Distribution	112		Brown		Distribution	256		Brown
Distribution	113		Slate		Distribution	257		Slate
Distribution	114		White		Distribution	258		White
Distribution	115		Red		Distribution	259		Red
Distribution	116		Black		Distribution	260		Black
Distribution	117	Rose	Yellow		Distribution	261	Rose	Yellow
Distribution	118		Violet		Distribution	262		Violet
Distribution	119		Rose		Distribution	263		Rose
Distribution	120		Aqua		Distribution	264		Aqua
Distribution	121		Blue		Distribution	265		Blue
Distribution	122		Orange		Distribution	266		Orange
Distribution	123		Green		Distribution	267		Green
Distribution	124		Brown		Distribution	268		Brown
Distribution	125		Slate		Distribution	269		Slate
Distribution	126		White		Distribution	270		White
Distribution	127	Aqua	Red		Distribution	271	Aqua	Red
Distribution	128		Black		Distribution	272		Black
Distribution	129		Yellow		Distribution	273		Yellow
Distribution	130		Violet		Distribution	274		Violet
Distribution	131		Rose		Distribution	275		Rose
Distribution	132		Aqua		Distribution	276		Aqua
Distribution	133		Blue		Distribution	277		Blue
Distribution	134		Orange		Distribution	278		Orange
Distribution	135		Green		Distribution	279		Green
Distribution	136		Brown		Distribution	280		Brown
Distribution	137	Aqua	Slate		Distribution	281	Aqua	Slate
Distribution	138		White		Distribution	282		White
Distribution	139		Red		Distribution	283		Red
Distribution	140		Black		Distribution	284		Black
Distribution	141		Yellow		Distribution	285		Yellow
Distribution	142		Violet		Distribution	286		Violet
Distribution	143		Rose		Distribution	287		Rose
Distribution	144		Aqua		Distribution	288		Aqua

Port type	Port Number	Buffer Tube Color	Fiber Color		Port type	Port Number	Buffer Tube Color	Fiber Color
Feeder	1	Blue - Black*	Blue		Distribution	289	Blue - Black*	Blue
Feeder	2		Orange		Distribution	290		Orange
Feeder	3		Green		Distribution	291		Green
Feeder	4		Brown		Distribution	292		Brown
Feeder	5		Slate		Distribution	293		Slate
Feeder	6		White		Distribution	294		White
Feeder	7		Red		Distribution	295		Red
Feeder	8		Black		Distribution	296		Black
Feeder	9		Yellow		Distribution	297		Yellow
Feeder	10		Violet		Distribution	298		Violet
Feeder	11		Rose		Distribution	299		Rose
Feeder	12		Aqua		Distribution	300		Aqua
Feeder	13	Orange - Black*	Blue		Distribution	301	Orange - Black*	Blue
Feeder	14		Orange		Distribution	302		Orange
Feeder	15		Green		Distribution	303		Green
Feeder	16		Brown		Distribution	304		Brown
Feeder	17		Slate		Distribution	305		Slate
Feeder	18		White		Distribution	306		White
Feeder	19		Red		Distribution	307		Red
Feeder	20		Black		Distribution	308		Black
Feeder	21		Yellow		Distribution	309		Yellow
Feeder	22		Violet		Distribution	310		Violet
Feeder	23		Rose		Distribution	311		Rose
Feeder	24		Aqua		Distribution	312		Aqua
Feeder	25	Green - Black*	Blue		Distribution	313	Green - Black*	Blue
Feeder	26		Orange		Distribution	314		Orange
Feeder	27		Green		Distribution	315		Green
Feeder	28		Brown		Distribution	316		Brown
Feeder	29		Slate		Distribution	317		Slate
Feeder	30		White		Distribution	318		White
Feeder	31		Red		Distribution	319		Red
Feeder	32		Black		Distribution	320		Black
Feeder	33		Yellow		Distribution	321		Yellow
Feeder	34		Violet		Distribution	322		Violet
Feeder	35		Rose		Distribution	323		Rose
Feeder	36		Aqua		Distribution	324		Aqua
Feeder	37	Brown - Black*	Blue		Distribution	325	Brown - Black*	Blue
Feeder	38		Orange		Distribution	326		Orange
Feeder	39		Green		Distribution	327		Green
Feeder	40		Brown		Distribution	328		Brown
Feeder	41		Slate		Distribution	329		Slate
Feeder	42		White		Distribution	330		White
Feeder	43		Red		Distribution	331		Red
Feeder	44		Black		Distribution	332		Black
Feeder	45		Yellow		Distribution	333		Yellow
Feeder	46		Violet		Distribution	334		Violet
Feeder	47		Rose		Distribution	335		Rose
Feeder	48		Aqua		Distribution	336		Aqua

Port type	Port Number	Buffer Tube Color	Fiber Color
Distribution	337	Slate - Black*	Blue
Distribution	338		Orange
Distribution	339		Green
Distribution	340		Brown
Distribution	341		Slate
Distribution	342		White
Distribution	343		Red
Distribution	344		Black
Distribution	345		Yellow
Distribution	346		Violet
Distribution	347		Rose
Distribution	348		Aqua
Distribution	349	White - Black*	Blue
Distribution	350		Orange
Distribution	351		Green
Distribution	352		Brown
Distribution	353		Slate
Distribution	354		White
Distribution	355		Red
Distribution	356		Black
Distribution	357		Yellow
Distribution	358		Violet
Distribution	359		Rose
Distribution	360		Aqua
Distribution	361	Red - Black*	Blue
Distribution	362		Orange
Distribution	363		Green
Distribution	364		Brown
Distribution	365		Slate
Distribution	366		White
Distribution	367		Red
Distribution	368		Black
Distribution	369		Yellow
Distribution	370		Violet
Distribution	371		Rose
Distribution	372		Aqua
Distribution	373	Black - Gray*	Blue
Distribution	374		Orange
Distribution	375		Green
Distribution	376		Brown
Distribution	377		Slate
Distribution	378		White
Distribution	379		Red
Distribution	380		Black
Distribution	381		Yellow
Distribution	382		Violet
Distribution	383		Rose
Distribution	384		Aqua

Port type	Port Number	Buffer Tube Color	Fiber Color
Distribution	385	Yellow - Black*	Blue
Distribution	386		Orange
Distribution	387		Green
Distribution	388		Brown
Distribution	389		Slate
Distribution	390		White
Distribution	391		Red
Distribution	392		Black
Distribution	393		Yellow
Distribution	394		Violet
Distribution	395		Rose
Distribution	396		Aqua
Distribution	397	Violet - Black*	Blue
Distribution	398		Orange
Distribution	399		Green
Distribution	400		Brown
Distribution	401		Slate
Distribution	402		White
Distribution	403		Red
Distribution	404		Black
Distribution	405		Yellow
Distribution	406		Violet
Distribution	407		Rose
Distribution	408		Aqua
Distribution	409	Rose - Black*	Blue
Distribution	410		Orange
Distribution	411		Green
Distribution	412		Brown
Distribution	413		Slate
Distribution	414		White
Distribution	415		Red
Distribution	416		Black
Distribution	417		Yellow
Distribution	418		Violet
Distribution	419		Rose
Distribution	420		Aqua
Distribution	421	Aqua - Black*	Blue
Distribution	422		Orange
Distribution	423		Green
Distribution	424		Brown
Distribution	425		Slate
Distribution	426		White
Distribution	427		Red
Distribution	428		Black
Distribution	429		Yellow
Distribution	430		Violet
Distribution	431		Rose
Distribution	432		Aqua