



### GatorPatch™



GatorPatch is a unique, factory terminated fiber distribution solution. Easy to install in the field, this patented product is widely installed within the ITS community in North America.

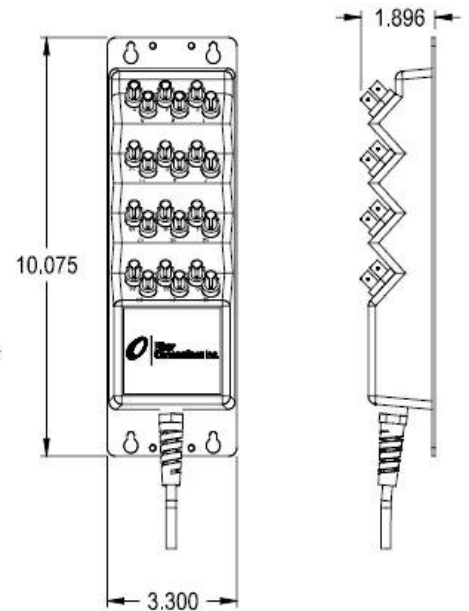
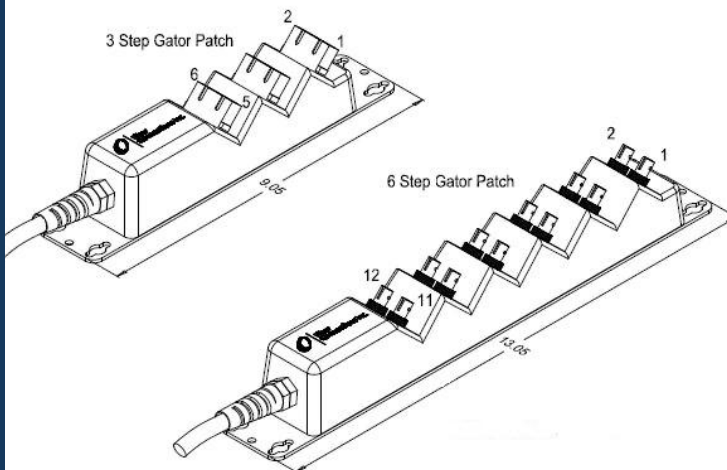
With a wide variety of fiber and connector options, this is THE product for a field installable, 'plug in and play' solution.

#### Applications:

- ITS – Intelligent Traffic Systems
- DOT - transportation projects
- Industrial/factory automation and control
- Mining industry
- Quick field repair/replace

#### Features and Benefits

- Installs quickly in outdoor enclosures, on power poles, DIN rails...
- Custom designs are always an option
- Factory terminated and 100% tested
- Available with several cable options, including loose tube, armored, riser rated...
- ROHS compliant
- Epoxy filled (standard for 4-12 fiber) for ultimate rodent protection or non-filled for connector replacement options
- Available with Single Mode or Multimode fiber and any standard connectors
- Fiber "tail" options – pigtail for splicing, standard or industrial MTP connector
- Available with 4-24 fibers. 24 fiber units are not epoxy filled



24 fiber 'wide body' GatorPatch

"The GatorPatches are better than sliced bread. I plan on using them for the rest of our fiber projects." J. R., Traffic Supervisor, Lawrence KS



Technical Specifications - GatorPatch		
Test	Multimode (50 or 62.5um)	Single mode
Test wavelength	850 and 1300nm	1550nm
Insertion loss	0.25dB typical 0.5dB max.	0.2dB typical 0.5dB max.
Reflectance	< -20dB	<-55dB (apc connector)
Durability	500 matings, <0.2dB change	500 matings, <0.2dB change
Tensile strength - straight pull (cable tail)	50lbs (220N), <0.2dB change	50lbs (220N), <0.2dB change
Temperature range	-40 to +70C	-40 to +70C
Ferrule polish	PC	UPC
Connector options	ST, SC, LC	ST, SC, LC, SCapc, LCapc
Technical Specifications - MTP Tail (when applicable)		
Insertion loss	0.25dB typical / 0.5dB max.	0.2dB typical / 0.5dB max.
Durability	500 matings, <0.2dB change	500 matings, <0.2dB change
Temperature range	-40 to +70C	-40 to +70C

GatorPatch Physical Properties - dimension in inches					
size/form	# of fibers	connector options	length	width	height
2 step skinny	4	LC, SC, ST, MT-RJ	7.5	1.74	1.705
3 step skinny	6	LC, SC, ST, MT-RJ	9.05	1.74	1.705
4 step skinny	8	LC, SC, ST, MT-RJ	10.16	1.74	1.705
6 step skinny	12	LC, SC, ST, MT-RJ	13.05	1.74	1.705
4 step wide	24	LC, SC, ST	10.075	3.3	1.9

Cable Performance	Multimode				Single-mode
	62.5/125µm (850/1300nm)	50/125µm (850/1300nm)	50/125µm (850/1300nm)	50/125µm (850/1300nm)	Single-mode (1310/1550nm)
Fiber Type	OM1	OM2	OM3	OM4	OS2
ISO/IEC name	OM1	OM2	OM3	OM4	OS2
Max. Atten. (dB/km)	3.4/1.0	3.0/1.0	3.0/1.0	3.0/1.0	0.5/0.4
Min. OFL - Bandwidth (MHz•km)	200/500	700/500	1500/500	1500/500	- / -
Serial 1 Gigabit Ethernet Distance (m)	300/550	750/600	1000/600	1000/600	5000/ -
Serial 10 Gigabit Ethernet Distance (m)	33/ -	150/ -	300/ -	600/ -	10000 / 40000
Available with standard outdoor loose tube, central tube or indoor/outdoor cables. Please contact customer service for additional information.					



GatorPatch Part Number code – All PNs start with ‘G’

<b>G</b>	<b>a</b>	<b>b</b>	<b>b</b>	<b>c</b>	<b>d</b>	<b>e</b>	<b>e</b>	<b>f</b>	<b>g</b>	<b>h</b>	-	<b>XX</b>	-	<b>i</b>
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**a Style**

2	2 step skinny
3	3 step skinny
4	4 step skinny
6	6 step skinny
8	4 step wide

**b b Fiber type**

10	62.5/125µm OM1
20	Single-mode OS2
30	50/125µm OM2
90	50/125µm OM3
A0	50/125µm OM4

**c Connectors on steps**

J	SC
G	ST
L	FC
U	LC duplex
W	LC quad
X	Scapc

**d Connector at the end "tail"**

U	6f MTP (F)
V	6f MTP (M)
M	12f MTP (F)
N	12f MTP (M)
1	24f MTP (F)
2	24f MTP (M)
I	Industrial 12f MTP
0	Pigtail end

**e e Fiber Count**

04	4 fiber
06	6 fiber
08	8 fiber
12	12 fiber
24	24 fiber

**f Cable Type**

B	Breakout
D	Distribution
R	Ribbon
L	Loose Tube
F	Indoor/Outdoor

**g Cable Rating**

R	Riser
P	Plenum
A	Armored
N	Non-armored
F	Customer supplied
S	SST drop

**h Gator body/Logo**

B	Black/FCI
T	Clear/FCI

**XX Length of tail (meters)**

**i Pull Kit**

0	none
1	1 pull kit pre-installed