

INDUSTRIAL GATOR PATCH



Next generation
hardened patching
solutions



**Fiber
Connections Inc.**
Innovate | Design | Deliver

INDUSTRIAL GATOR PATCH



Harsh Environment Patching!



IP67 rated connectors
eliminate the need for
NEMA enclosures

The Industrial Gator Patch is based on the design of the original Gator Patch with several design features added in to make the unit even more rugged for the harshest applications. The entire housing along with the input/output connections are sealed with an IP67 rating which eliminates the need for additional NEMA enclosures. It's modular design makes it easy to install in the field which helps to reduce labor costs and additional material costs that would normally be required for a traditional patching solution. This patented product has been used extensively in FTTA applications across North America.

KEY FEATURES

- can be installed outdoors without NEMA enclosures
- multiple mounting options available (pole, surface, wire)
- factory terminated and 100% tested
- input connection can be made with hardwired cable or with industrial MPO connector
- IP67 ODVA LC/SC output connections
- custom designs available upon request
- -40°C to +70°C operating temperature
- manufactured in North America for quick turn around
- up to 24 fibers in a single Gator Patch with 48 fibers versions coming soon

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The Industrial Gator Patch has been used for years in the wireless telecom space to make installations easier than ever before. In these types of applications, installers often need to climb tall telecommunications towers while trying to carry their tools and other equipment. Every additional trip up and down the tower costs money. The small form factor and modular design of the Gator makes all aspects of installation as efficient as possible. The factory installed, pre-tested connections gives installers confidence in knowing that the system is just going to work without having to worry about additional site visits for additional troubleshooting. The list of applications for the Industrial Gator Patch has expanded over the years. Below are some examples of typical applications but, the list continues to grow.



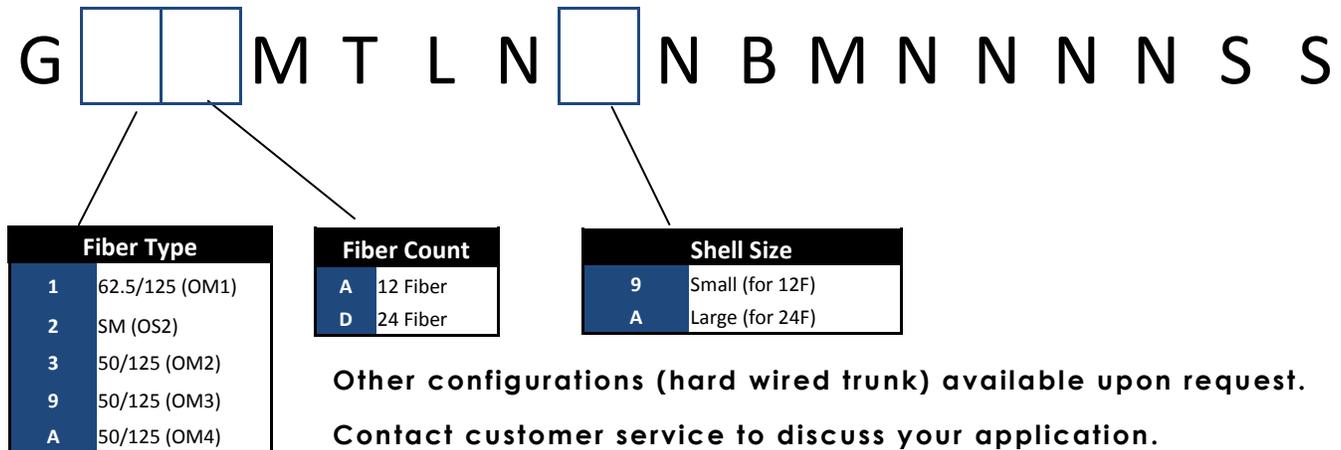
Applications

- ITS (transportation)
- alternative energy (wind/solar)
- mining
- oil and gas
- industrial
- cellular
- quick deployment
- disaster recovery



ORDERING INFORMATION AND TECHNICAL SPECIFICATIONS

IP-MPO(m) to ODVA LC Part Number Breakdown



Accessories

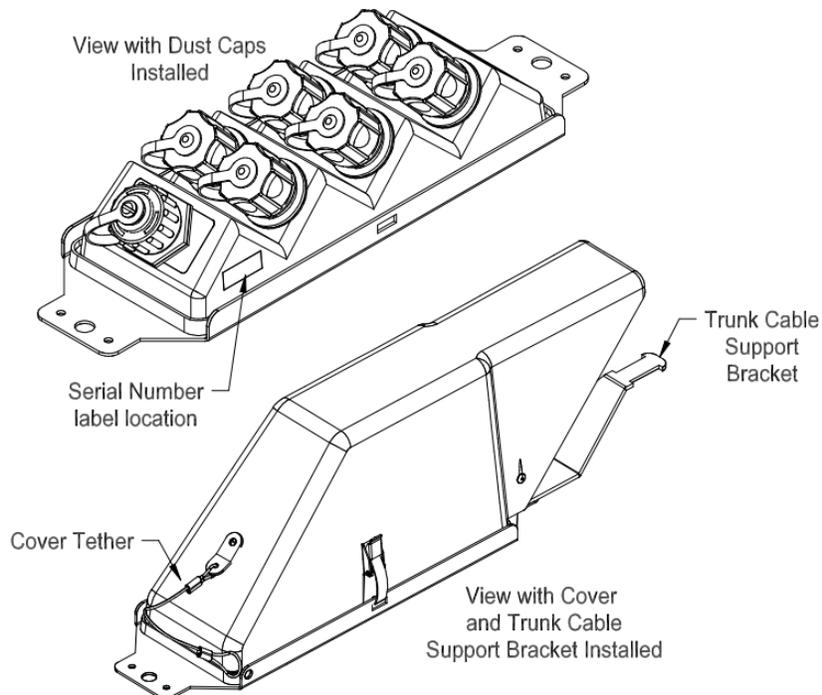
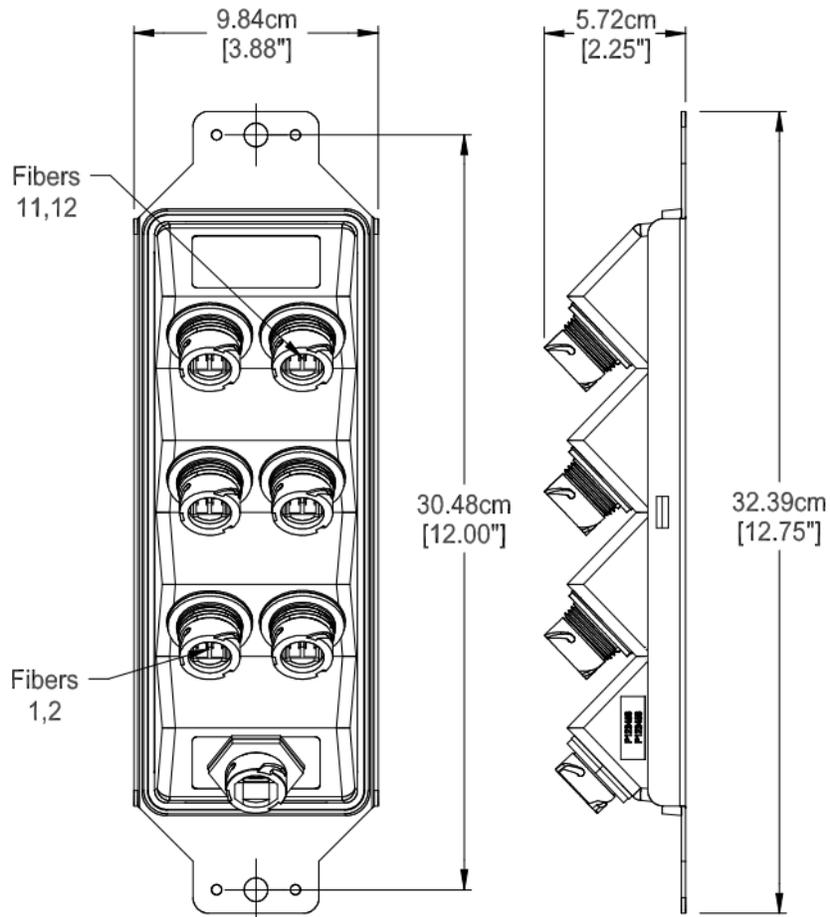
Part Number	Description
FCP12483-1	Protective cover for small (12F) shell size
FCP12484-1	Protective cover for large (24F) shell size
FCP12485-1	Trunk cable mounting bracket for small (12F) shell size
FCP12486-1	Trunk cable mounting bracket for large (24F) shell size

Technical Specifications		
Connector Performance	Multimode	Single mode
Test Wavelength	850nm	1550nm
Total Insertion Loss (MPO+LC)	≤ 1.5db	≤ 1.0db
Reflectance	≤ -20db	≤ -55db
Durability	500 matings, < 0.2db change	500 matings, < 0.2db change
Operating Temperature	-40 to +70C	-40 to +70C
Storage Temperature	-40 to +85C	-40 to +85C
Water/Dust Ingress	IP67 (IEC 60529)	IP67 (IEC 60529)

Please contact customer service for additional information.
Custom configurations available upon request.
All specifications are subject to change

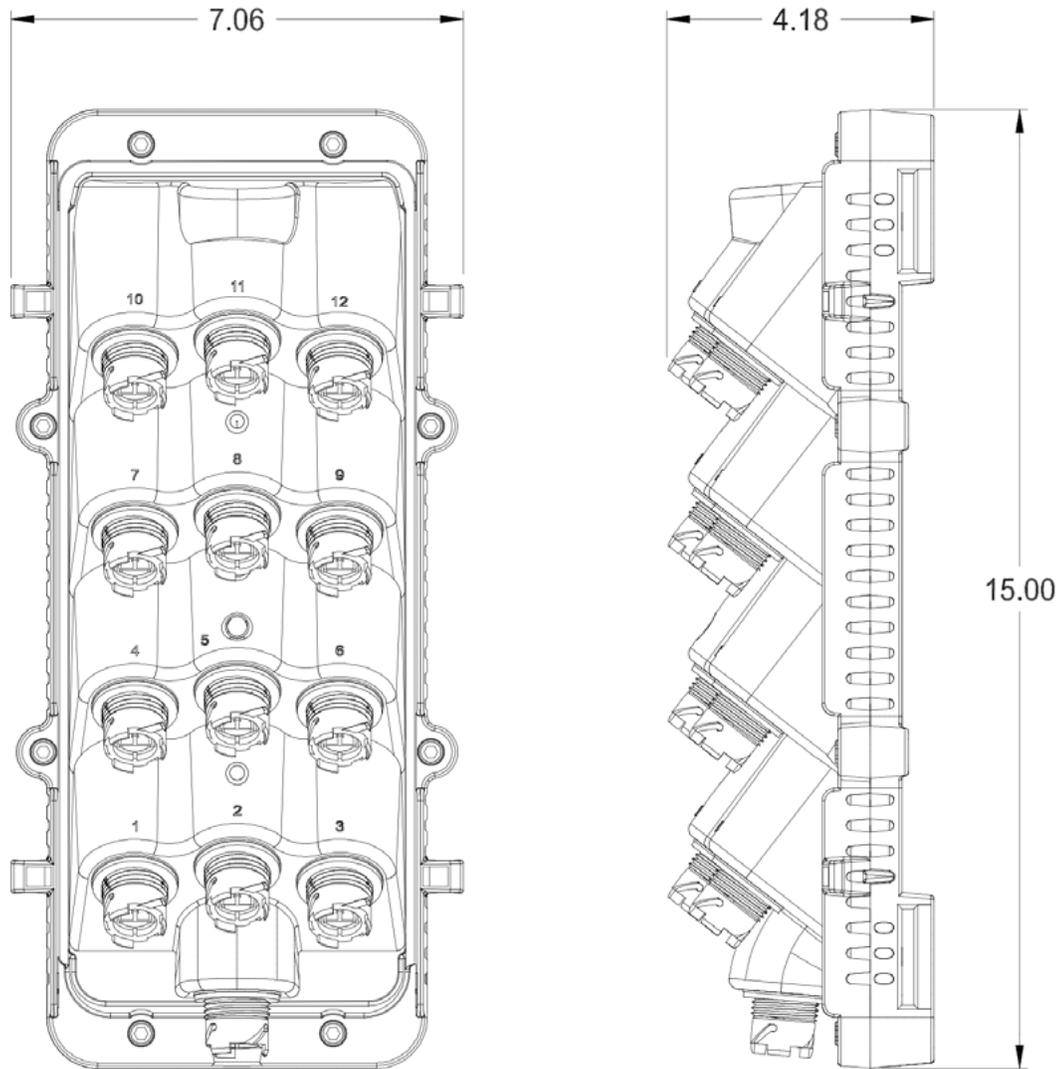
SCHEMATICS

12 FIBER



SCHEMATICS

24 FIBER



Shown without
dust caps

