

GatorPatch

The GatorPatch is a unique, factory terminated fiber distribution solution. Easy to install in the field, this patented product has been used extensively all across the globe in a wide range applications such as ITS (transportation), industrial, power utility, etc. With such a wide array of fiber and connector options, the GatorPatch is THE product for field installable, ‘plug & play’ solutions. The GatorPatch is manufactured and tested to the highest industry standards in our North American facilities.



KEY FEATURES

- INSTALLS QUICKLY IN OUTDOOR ENCLOSURES, PEDESTALS AND EQUIPMENT RACKS AT ZERO RU
- FACTORY TERMINATED AND 100% TESTED
- AVAILABLE IN VARIOUS CABLE, FIBER TYPE, FIBER COUNT AND CONNECTOR CONFIGURATIONS
- AVAILABLE AS A PIGTAIL FOR SPLICING OR WITH MTP CONNECTION FOR PLUG AND PLAY
- SLIM BODY DESIGN IS POTTED FOR ADDITIONAL RUGGEDNESS
- CUSTOM DESIGNS AVAILABLE UPON REQUEST
- MANUFACTURED IN NORTH AMERICA FOR QUICK TURN AROUND

Typical Interconnection

PHOTO TO THE RIGHT SHOWS A GATOR PATCH INSTALLED IN A TYPICAL TRAFFIC CONTROL CABINET. THE BLUNT (PIGTAIL) END OF THE CABLE IS SPLICED INTO THE MAIN UNDERGROUND TRUNK CABLE.



Specifications

Technical Specifications - GatorPatch body connectors					
Connector Performance	Multimode (OM1, OM2, OM3, OM4)			Single mode (OS2)	
Test wavelength	850 and 1300nm			1550nm	
Insertion loss (per connector)	0.2dB, 0.15dB(low loss) typ.			0.2dB, 0.15dB(low loss) typical	
	0.4dB, 0.3dB(low loss) max.			0.4dB, 0.3dB(low loss) max.	
Reflectance	< -20dB			< -55dB	
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, apc	
Connector options	ST, SC, LC, FC			ST, SC, LC, SCapc, Lcapc, FC	
Technical Specifications - MTP adapter or tail (when applicable)					
Insertion loss (MTP Multi fiber Connector)	0.2dB typ.			0.25dB, 0.2dB(low loss) typ.	
	0.5dB max, 0.35dB elite max. 0.2dB super low loss elite OM4			0.5dB, 0.35dB elite max.	
Insertion Loss (Optitip multifiber Connector & Industrial MPO)	0.3dB typical			0.3dB typical	
	0.75dB max			0.75dB	
Durability	500 matings, <0.2dB change			500 matings, <0.2dB change	
Temperature range	-40 to +70C			-40 to +70C	
Cable Performance	Multimode				Single-mode
Fiber Type	62.5/125µm		50/125µm		Single-mode
	(850/1300nm)				(1310/1550nm)
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	0.4/0.3
Min. OFL - Bandwidth (MHz•km)	200/500	700/500	1500/500	1500/500	- / -

