

# GP600 FIBER OPTIC SYSTEM



The GP600 is a 19" rack mount system that can house and control any combination of DiCon optical switches, tunable optical filters, variable optical attenuators, tap detectors or other DiCon products. In addition, other components such as couplers, circulators, delay lines, etc. can be integrated upon request.

Available as a 1U, 2U or 4U chassis, multiple components of the same or different types can be combined together and controlled through a single Ethernet or RS-232 interface, with the only limitation being connector space.

## KEY FEATURES

- Proven DiCon technology
- Expert integration using industry best practices
- Multiple components of the same or different types
- High density design to minimize rack space
- Control through a single Ethernet or RS-232 interface

## U.S. MILITARY & DEFENSE

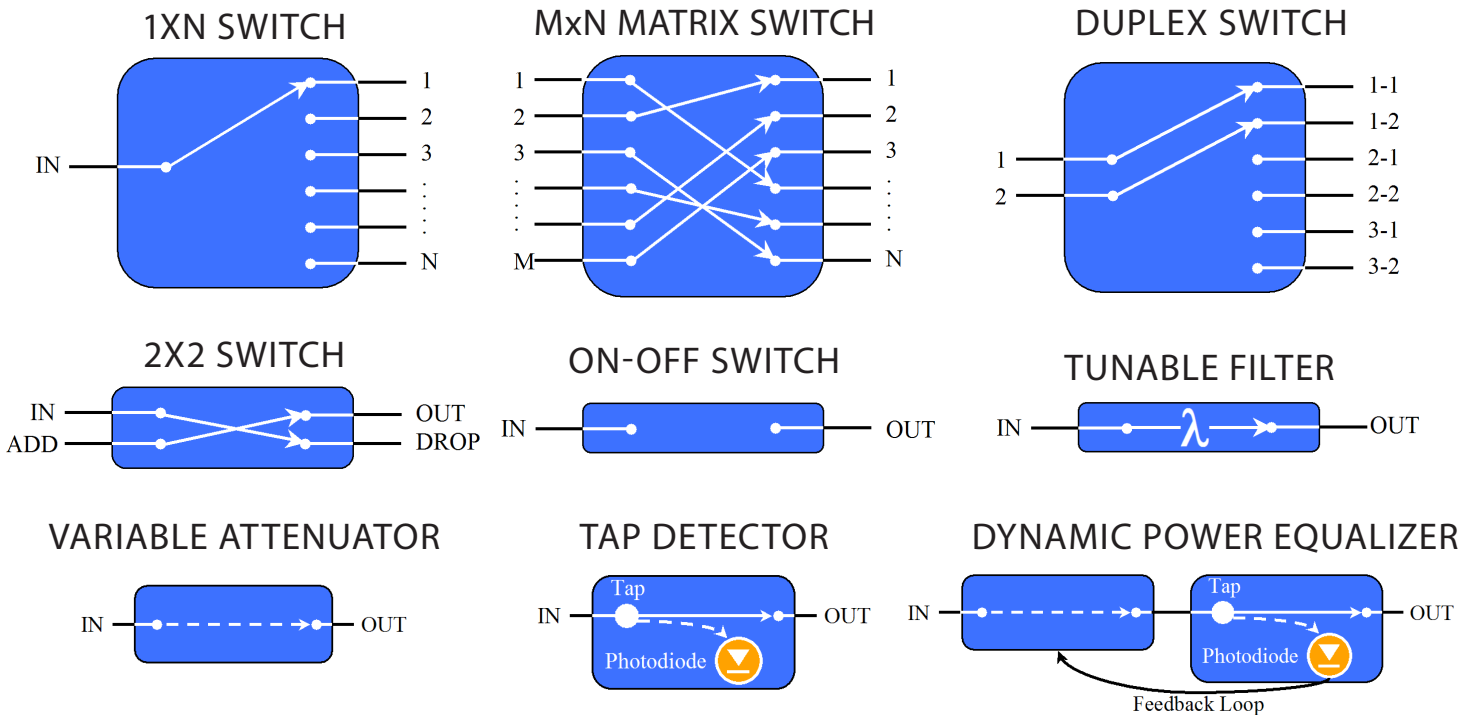
DiCon Fiberoptics is a U.S. based, AS9100 certified company. If needed, custom GP600 chassis for U.S. military and defense applications can be manufactured under ITAR or EAR control.



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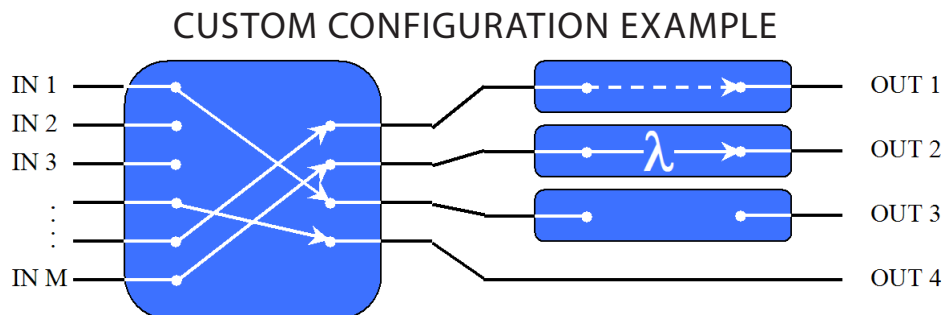
## DICON COMPONENTS

A wide array of DiCon optical switches, tunable optical filters and VOAs are available, with essentially any DiCon product able to be integrated into the GP600. All solutions are optimized to the application and built with user specified component types, quantities and sizes, fiber types, wavelength ranges, etc..



## CUSTOM CONFIGURATION

User specified systems can be built into the GP600, using a combination of various fiber optic components, in order to create an application specific solution.



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## ENVIRONMENTAL SPECIFICATIONS

PARAMETER	RATING
Operating Temp	0 to 50 °C
Storage Temp	-20 to 60 °C
Relative Humidity	0% to 80% non-condensing

## ELECTRICAL SPECIFICATIONS

PARAMETER	RATING	
Control	Method	Ethernet, RS-232
	Ethernet/RS-232 Switch	Manual slide switch on rear to select control method
Power Supply	Voltage	90 - 264 VAC
	Frequency	47 - 63 Hz
	Current	1.8 A typical @ 115 VAC
	On/Off Switch	2-position toggle on rear
Connectors	Ethernet	RJ45 receptacle
	RS-232	DB9 female receptacle
	Power Supply	IEC 60320 C13 female receptacle (standard AC connector)
	Location	Rear of chassis
Power LED	On state	GP600 is on (Receiving power and power switch is in on position)
	Off state	GP600 is off (Not receiving power, or power switch is in off position)
	Location	Front of chassis

## MECHANICAL DIMENSIONS

PARAMETER	RATING	
1U	Height	43.65 mm
	Width	483 mm (19 in)
	Depth	342 mm
2U	Height	88.0 mm
	Width	483 mm (19 in)
	Depth	434.5 mm
4U	Height	177 mm
	Width	483 mm (19 in)
	Depth	434.5 mm