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Find the *Polatis / Continuum Photonics IG-1600-2R-ST-DC-MTP* at our website: *Click HERE*

DIRECTLIGHT IG SERIES

Instrumentation Grade Optical Switches

In today's demanding optical test market, Continuum Photonics' DirectLight™ photonic switch fabric offers unparalleled performance, value, and flexibility, providing the functionality of three separate instruments in a single compact solution.

Utilizing Continuum's proven solid state actuator technology, the DirectLight IG switch offers instrument grade performance at a fraction of the cost of similar devices. It provides the power and flexibility of a non-blocking switch matrix, with integral power monitoring and variable optical attenuator functions. This unique combination eliminates the cost and complexity of typical test setups, offering a simple efficient solution for use in the development lab, for system test, or in automated manufacturing test environments.

DirectLight IG offers flexibility in its ability to scale, with switch configurations available in 16 port increments from 16 up to 64 x 64 ports.

FEATURES

- Line rate & protocol independent
- Low insertion loss, typical 1.4 dB
- High repeatability, typical +/-0.1 dB
- 16, 32, 48, 64 port configurations
- Built-in optical attenuation
- Built-in power meter function

APPLICATIONS

- Optical component testing
- Systems & ESS testing
- Network design & commissioning
- Research & development
- Lab & network patch panel
- Network monitoring



DirectLight IG

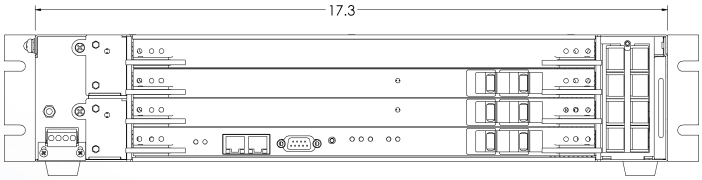
CONTINUUM PHOTONICS

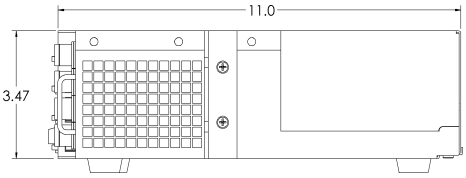
Artisan Scientific - Quality Instrumentation ... Guaranteed | (888) 88-SOURCE | www.artisan-scientific.com

DIRECTLIGHT IG SERIES SPECIFICATIONS



PARAMETER	SPECIFICATION*
Insertion Loss (Max)	2.0 dB
Insertion Loss (Typical)	1.4 dB
Repeatability	+/- 0.1 dB
Polarization Dependent Loss	< 0.2 dB
Polarization Mode Dispersion	< 0.1 psec
Return Loss	> 50 dB
Crosstalk	<- 50 dB
Directivity	< -50 dB
Input Power	-25 dBm to +15 dBm
Switching Time	< 225 msec typical (all channels)
Disconnect Time (break link)	5 msec
Lifetime	>100 million cycles
Optical Attenuation	to min –30 dBm, 0.1 dB resolution
Power Meter	-30 dBm to +15 dBm, +/-0.1 dB accuracy
Power Supply	48 Vdc





Product Configurations
16x16 to 64x64 I/O ports

Physical Interfaces
10/100 Ethernet, RJ-45
RS-232 Serial, DB-9

Optical Interfaces
MTP-8 ribbon

Supported Protocols
Proprietary Command Line Interface

Accessories & Options
MTP-8 to SC or FC fan-outs
Rack-mounting hardware

If your application requires configurations or interfaces not listed here, please contact our sales and customer service team to discuss specialized solutions.

* Specifications applicable to C-Band (as measured from1525–1565nm)

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We buy equipment

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Learn more!

Visit us at **artisantg.com** for more info on price quotes, drivers, technical specifications, manuals, and documentation.

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