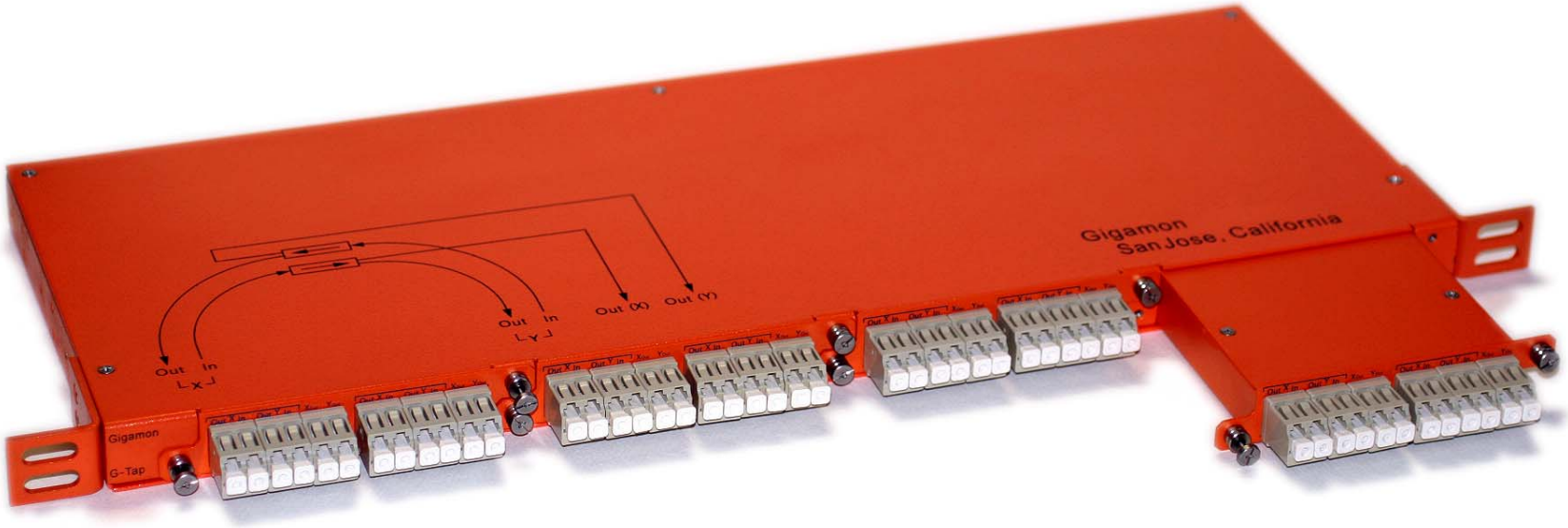
G-Tap© Fiber Optic Tap Specifications



Gigamon's **G-Tap** is a family of low profile SM (single-mode), MM (multimode) and LRM (long-reach multimode) passive fiber optic splitter taps. The G-Tap gives network operators the ability to passively monitor full duplex fiber optic links at 10G and Gigabit speeds. Their highly reliable construction ensures maximum link continuity with no power loss interruption concerns.

Speed:	Supports full duplex 10G, 1G, and 100M fiber links.
Fiber Types:	SM (9/125 micron) for 1310nm or 1550nm wavelength; MM (62.5/125 micron) for 850nm wavelength; LRM (62.5/125 micron) MM fiber operating at 1310nm wavelength and 10G.
Connector Types:	LC for all network and monitor ports.
Recommended Split Ratios:	50/50 for 10G; 70/30 for 1G and 100M.
Link Tap Capacity:	Each G-Tap module taps two (2) full duplex fiber links. Up to four (4) G-Tap modules can be installed in a TAP-200 chassis to tap up to eight (8) full duplex fiber links.
Deployment:	G-Tap modules can be used as standalone taps. They can also be rack mounted when installed inside the 1/2U, 19-inch wide Tap-200 metal chassis. A mix of different G-Tap modules may be installed.
Power requirements:	None. The G-Tap modules are completely passive.

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MECHANICAL ASPECTS

Tap-200 Chassis:

Dimensions	16.8w x 6.31d x 0.87h inches (426.7w x 160.3d x 22.1h mm)
Weight	3 lbs. 7.5 oz. (empty) 6 lbs. 5.5 oz. (fully populated)

All Module Types:

Dimensions	3.42w x 6.55d x 0.76h inches (86.9w x 166.4d x 19.3 mm)
Module Weight	11.5 oz. each

ENVIRONMENTAL

Operating Temperature	32ºF to 140ºF (0ºC to 60ºC)
Operating Humidity	10% to 90%, relative, non-condensing
Storage Temperature	-4ºF to 158ºF (-20ºC to 70ºC)
Storage Humidity	10% to 90%, relative, non-condensing
Altitude	Up to 15,000ft. (4.6km)
Compliance	Fully RoHS compliant.

ORDER CODES

TAP-200 4-bay, 1/2U rack mount chassis
Designed for EIA 19-inch racks (or wider).
Will also fit ETSI and WECO racks.

TAP-252 Dual optical tap, 50/50 MM, 850nm
Split ratio: 50/50, Multimode fiber.
Network-port insertion loss: 4.5 dB max.
Monitor-port insertion loss: 4.5 dB max.

TAP-253 Dual optical tap, 50/50 SM, 1310/1550nm
Split ratio: 50/50, Singlemode fiber
Network-port insertion loss: 4.5 dB max.
Monitor-port insertion loss: 4.5 dB max.

TAP-255 Dual optical tap, 50/50 MM, 1310nm LRM
Split ratio: 50/50, Multimode fiber
Network-port insertion loss: 4.5 dB max.
Monitor-port insertion loss: 4.5 dB max.

TAP-272 Dual optical tap, 70/30 MM, 850nm
Split ratio: 70/30, Multimode fiber
Network-port insertion loss: 2.4 dB max.
Monitor-port insertion loss: 6.3 dB max.

TAP-273 Dual optical tap, 70/30 SM, 1310/1550nm
Split ratio: 70/30, Singlemode fiber
Network port insertion loss: 2.4 dB max.
Monitor port insertion loss: 6.3 dB max.

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