

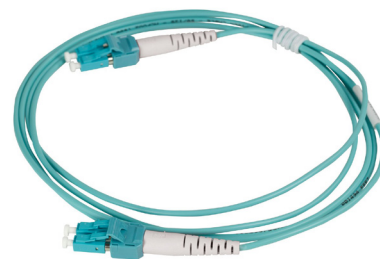
INFINIUM QUANTUM™ PATCH CORD

(BASE PN: L4-BBBBBDEAG0TLLLM)

PATENT PENDING

Infinium Quantum fiber patch cords are built to exceed industry standards for insertion and return loss. Infinium Quantum patch cords are available in A-B polarity, per TIA 568 standard.

- Industry leading performance is available only when mated with matched Infinium Quantum Cassettes
- Available with Plenum, riser, low-smoke zero halogen (LSZH) rated jackets (or CPR – rated for EU use)
- Bend-insensitive fiber for optimal cable management
- TAA/BAA Compliant
- TIA Channel Compliant



General Specifications

Application	Data Center
Cable Type	Duplex
Cable Assembly Type	Infinium Quantum Patch Cord
Fiber Category	50 µm MM (OM4)

Temperature Ranges

Storage	-40° to 70°C (-40° to 158°F)
Installation	0° to 60°C (32° to 140°F)
Operating	0° to 70°C (32° to 158°F)

Connector Design

Connector - A

Connector Type	LC
Connector Color	Aqua
Keyed Connector	No
Ferrule Material	Ceramic

Connector - B

Connector Type	LC
Connector Color	Aqua
Keyed Connector	No
Ferrule Material	Ceramic

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Optical Specifications – Connector A

Insertion Loss Max.	0.1 dB*
Return Loss	40 dB*

Optical Specifications – Connector B

Insertion Loss Max.	0.1 dB*
Return Loss	40 dB*

*Per mated pair

*When mated with the Infinium Quantum Cassette

Cable Design

Fiber Count	2
Outer Jacket Color	Aqua
Polarity	A-B

Fiber Specifications

Wavelengths	850 nm / 1300 nm
Maximum Attenuation	3.0 dB/km / 1.5 dB/km
1 Gigabit Ethernet	>550 m / >300 m
10 Gigabit Ethernet	400-550 m / 300 m
Induced Attenuation @ Radius	0.2 dB 850 nm @ 7.5 mm (2 turns) / 0.5 dB 1300 nm @ 7.5 mm (2 turns)

