

INFINIUM QUANTUM™ PATCH CORD

(BASE PN: L4-BBBBBDOYG0TLLLM)

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	9 µm SM (OS2)

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	Blue
Keyed Connector	No
Ferrule Material	Ceramic

Connector - B

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

INFINIUM QUANTUM™ PATCH CORD

(BASE PN: L4-BBBBBDEAG0TLLLM)

PATENT PENDING

Optical Specifications – Connector A

Insertion Loss Max.	0.1 dB*
Return Loss	55 dB*

Optical Specifications – Connector B

Insertion Loss Max.	0.1 dB*
Return Loss	55 dB*

*Per mated pair

*When mated with the Infinium Quantum Cassette

Cable Design

Fiber Count	2
Outer Jacket Color	Yellow
Polarity	A-B

Fiber Specifications

Wavelengths	1310 nm / 1550 nm
Maximum Attenuation	0.4 dB/km / 0.4 db/km
1 Gigabit Ethernet	>25000 m / >40000 m
10 Gigabit Ethernet	10000-25000 m / 40000 m
Induced Attenuation @ Radius	0.5 dB 1550 nm @ 10 mm (1 turn) / 1.5 dB 1625 nm @ 10 mm (1 turn)

