

INFINIUM CORE™ LC to LC Duplex DFX Fiber Patch

Built to Customer Specifications

Single-Mode (BASE PN: L1-0101B2JYx0xxxx)

Multimode (BASE PN: L1-0101B2EAx0xxxx)



Single-Mode



Multimode

	Single-Mode L1-0101B2JYx0xxxx	Multimode L1-0101B2EAx0xxxx	
General Specifications			Temperature Ranges
Application	Data Center		Storage
Cable Type	Duplex		Installation
Cable Assembly Type	Infinium Core Patch Cord		Operating
Fiber Category	9 μm SM (OS2)	50 μm MM (OM4)	
Connector Design (Connector-A, Connector-B)			
Connector Type	LC		
Adapter Color	Blue	Aqua	
Keyed Connector	No		
Ferrule Material	Ceramic		
Optional Specifications (Connector-A, Connector B)			
Insertion Loss Max.	0.30 db*	0.50 db*	*per mated pair when mated with the Infinium Core Casette
Return Loss	55 db*	26 db*	
Cable Design			
Fiber Count	2		
Outer Jacket Color	Yellow	Aqua	
Polarity	A-B		
Fiber Specifications			
Wavelengths	1310 nm / 1550 nm	850 nm / 1300 nm	
Maximum Attenuation	0.5 dB/km / 0.5 dB/km	3.0 dB/km / 1.5 dB/km	
1 Gigabit Ethernet	>25000 m / >40000 m	>550 m / >300 m	
10 Gigabit Ethernet	10000-25000 m / 40000 m	400-550 m / 300 m	
Induced Attenuation @ Radius	0.75 dB 1550 nm @ 10 mm (1 turn) / 1.5 dB 1625 nm @ 10 mm (1 turn)	0.2 dB 850 nm @ 7.5 mm (2 turns) / 0.5 dB 1300 nm @ 7.5 mm (2 turns)	