

FIBER CABLES

Belkin's Lifetime Warranty Ensures Performance and Reliability

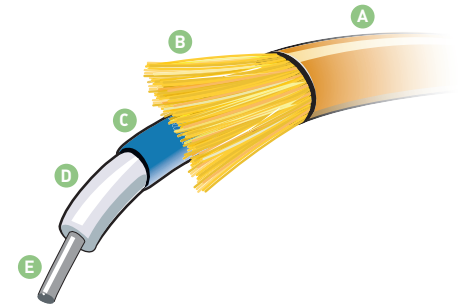
These Cables ensure the performance and reliability of servers, storage, and network switches. Built using the highest-quality fiber cable and connectors, Belkin fiber-patch cables come with the satisfaction guarantee of Belkin's Lifetime Warranty. All Belkin fiber cables are factory-terminated and -tested to ensure the highest level of performance and reliability.

Belkin offers four types of fiber-patch cables:

- 62.5/125 Multimode Duplex
- 50/125 Multimode Duplex
- 8.3/125 Singlemode Duplex
- 50/125 10-Gigabit Aqua

All Belkin fiber cables feature:

- Corning glass cores
- Ceramic ferrules
- RoHS-compliant, flexible PVC jacket
- PC polishes



- A Cable Jacket** – The outermost layer of the fiber cable.
- B Strengthening fibers** – The strengthening fibers that help protect the core against damage during installation or from being crushed.
- C Coating** – This layer of thicker plastic surrounds the cladding and helps protect the fiber core.
- D Cladding** – The layer that protects the core and causes the necessary refraction to allow light to travel through the fiber-core segment.
- E v** – The physical component that transports the optical data signal, made up of a continuous strand of glass. The core's diameter is measured in microns.

FIBER-CONNECTION TYPES



ST – The ST connector uses a push-and-turn-to-lock system.



LC – The LC connector features a small form factor and resembles the SC connector.



SC – The SC connector has a molded, plastic plug casing and a push/pull locking system.



MT-RJ – The MT-RJ connector is a small form-factor connector with a square plastic casing that contains both fiber strands into a single polymer ferrule.

Identify the required fiber-cable type, and then use the appropriate table below to identify the Belkin part number that meets your needs.

62.5/125 Multimode Fiber-Optic Patch Cables

Connector		1 Meter	2 Meters	3 Meters	5 Meters	10 Meters
ST	ST	218204	7199753	6776862	7124284	N/A
ST	SC	N/A	7203610	6168744	7203628	7241270
ST	LC	6756221	397776	397777	397778	397779
ST	MTRJ	7203636	7203644	7203652	7203661	7447278
SC	SC	7203679	7203687	6209972	7203695	7383518
SC	LC	365053	385678	385679	385680	382897
SC	MTRJ	7203708	6642581	7083435	7203716	7447382
LC	LC	365052	5463362	397195	397196	397197
LC	MTRJ	7296406	7296414	7296422	7296431	7383526
MTRJ	MTRJ	7296529	7296537	7296545	7296553	7383534

FIBER CABLES

50/125 Multimode Fiber-Optic Patch Cables

Connector		1 Meter	2 Meters	3 Meters	5 Meters	10 Meters
ST	LC	420972	420973	420974	420975	420976
SC	SC	7203724	7203732	7203741	7194805	7383551
SC	LC	420968	420969	420970	420971	377433
LC	LC	420786	420787	420788	420789	420790

50/125 10-Gigabit Aqua Multimode Fiber-Optic Patch Cables

Connector		1 Meter	2 Meters	3 Meters	5 Meters	10 Meters
SC	SC	7200988	7200996	7201008	7201016	7201024
LC	LC	7201032	7201041	7201059	7201067	7201075
LC	SC	7201083	7201091	7201104	7201112	7201121
LC	ST	7201139	7201147	7201155	7201163	7201171

8.3/125 Singlemode Fiber-Optic Patch Cables

Connector		1 Meter	2 Meters	3 Meters	5 Meters	10 Meters
SC	ST	7299341	7299359	5748165	7299367	N/A
ST	SC	7296465	7296473	N/A	7296490	7383569
ST	LC	N/A	6977541	7296502	6318714	7383577
SC	SC	7296449	7154862	7180403	7296457	7154854
SC	LC	5146367	5657280	5989719	4748729	7154871
LC	LC	397200	397201	7296511	397202	7344607

Belkin Fiber-Cable Statistics

Insertion loss: <0.5 dB

Fiber extension: -0.05 μm < H +0.05 μm

Apex offset: < 50 μm

Increase in insertion loss after mating: 0.2 dB max.

Operation temperature: -20° to 70° C

Storage temperature: -40° to 80° C

For more information, please contact your dedicated PC Connection team at Belkin at 800-223-5546 ext. 2366 or email us at pccteam@belkin.com.