Network/Multimedia Cables

For LAN Installation, Home/Office Use

- **Cat. 5, 6 Ethernet Cables**
- **Multi-Mode & Single-Mode Fiber Cables**
- **KVM Cables**
- **USB 2.0 Cables**
- **1394 (FireWire) Cables**

For the benefit of one-stop shopping convenience, D-Link offers a complete range of network and multimedia cables to complement our network and computer-related products. These cables provide a wide range of applications, from building wiring to campus backbone, telecom wiring and home and office networking. From the most common twisted-pair Ethernet cables and long-distance fiber cables to the KVM, USB and FireWire cables, you can now get all your network equipment and cables from the same supplier or store.

D-Link network and multimedia cables are available at various cable lengths, while users can also specify their required cable lengths when ordering to meet their network installation requirements.

All D-Link cables comply with the industry standards and are certified by industry recognized laboratories for reliable quality. A complete range of compatible connectors is provided.

Ethernet Twisted-Pair Cable

The Ethernet twisted-pair cables include Cat. 5e and Cat. 6 Ethernet cables. These cables are protected with PVC plastic that is strong but flexible enough to fit into tight working spaces. The D-Link Cat. 5e and Cat. 6 Ethernet cables adhere to the stringent EIA/TIA standards and are certified by industry recognized laboratories.

The D-Link Cat. 5 and Cat. 6 Ethernet cables help you lay the foundation for your Local Area Network (LAN) and are ideal for 10Mbps, 100Mbps or 1000Mbps devices. These cables are coated with a strong and flexible cable jacket, and include gold plated connectors for robust, loss-free connections. The Cat. 5e cables are built to function up to 100MHz and provide data transfer rate at up to 100Mbps. The Cat. 6 cables are built to function up to 250MHz and provide data transfer rate at up to 1000Mbps.

Cat. 5e UTP Cable
- 4 pairs, 100 Ohm, unshielded twisted pair (UTP) enhanced Cat.5
- Exceeds the requirement of EIA/TIA 568
- Strand 4 pairs 24 AWG Cat. 5e
- RJ-45 connector

Cat. 6 UTP Cable
- 4 pairs, 100 Ohm, 250 Mhz, unshielded twisted pair (UTP) Cat.6
- Exceeds the requirement of EIA/TIA 568
- Strand 4 pairs 24AWG Cat. 6
- RJ-45 connector

UTP Cable

Length	Cat. 5e UTP Cable	Cat. 6 UTP Cable
1.8 m (6 ft)	DCC-5E2U	DCC-62U
3 m (10 ft)	DCC-5E3U	DCC-63U
4.5 m (15 ft)	DCC-5E5U	DCC-65U

* For longer lengths, please contact your nearest D-Link sales representative.

Fiber Optic Cable

Fiber optics is an advanced medium for signal transmission. With the advent of newer technologies, the only disadvantage of higher prices as compared with the traditional copper transmission medium is drastically reducing. Optical fiber is composed of a light-carrying core and cladding that traps the light in the core, causing total internal reflection. The material used most commonly is pure glass or silica.

Fiber can be of two basic types: multi-mode and single-mode. Both types have their specific applications. Multi-mode fiber means that light can travel many different paths (called modes) through the core of fiber. Multi-mode has a bigger core, almost always 62.5 microns (a micron is 1/1000th of a millimeter) and is used with LED sources at wavelengths of 850nm and 1300nm for local area networks (LAN).

Single-mode fiber has much smaller core, only about 9 microns and is used for long distance telephony with laser sources at 1310nm and 1550nm. These light wavelengths are in infra-red spectrum, hence not visible to human eyes.

Glass fiber is stronger than steel. Yet due to its smaller size, it has its limitations about its mechanical strength such as tensile, impact and compression. It is therefore required to provide protection, which is D-Link fiber cables do. Fiber has distinct advantages over other media such as twisted-pair copper cables and coaxial copper cables.

■ **Capacity to Transmit Signals:**
The multimode fiber normally used in LAN has almost 6 times capability to transmit signals as compared with the most advanced UTP cable. A single-mode fiber has practically no limits for transmission capacity.
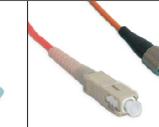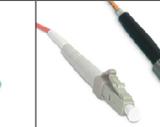
■ **Low Transmission Losses:**
The losses during transmission are very low, as low as 20 times that of UTP cables, hence one can transmit signals to longer distances.

■ **No Electromagnetic Interference:**
Fiber being non-metallic, the medium is absolutely immune to electromagnetic noise.

50/125 Micron Multi-Mode Fiber (Simplex) Cable

Length	ST to ST Connectors	ST to FC Connectors	SC to SC Connectors	SC to ST Connectors	SC to FC Connectors	LC to ST Connectors
1 m (3 ft)	DFC-MS15TT	DFC-MS15TF	DFC-MS15SS	DFC-MS15ST	DFC-MS15SF	DFC-MS15LT
2 m (6.5 ft)	DFC-MS25TT	DFC-MS25TF	DFC-MS25SS	DFC-MS25ST	DFC-MS25SF	DFC-MS25LT
3 m (10 ft)	DFC-MS35TT	DFC-MS35TF	DFC-MS35SS	DFC-MS35ST	DFC-MS35SF	DFC-MS35LT
5 m (16 ft)	DFC-MS55TT	DFC-MS55TF	DFC-MS55SS	DFC-MS55ST	DFC-MS55SF	DFC-MS55LT
10 m (33 ft)	DFC-MS105TT	DFC-MS105TF	DFC-MS105SS	DFC-MS105ST	DFC-MS105SF	DFC-MS105LT

Length	LC to SC Connectors	LC to FC Connectors
1 m (3 ft)	DFC-MS15LS	DFC-MS15LF
2 m (6.5 ft)	DFC-MS25LS	DFC-MS25LF
3 m (10 ft)	DFC-MS35LS	DFC-MS35LF
5 m (16 ft)	DFC-MS55LS	DFC-MS55LF
10 m (33 ft)	DFC-MS105LS	DFC-MS105LF

50/125 Micron Multi-Mode Fiber (Duplex) Cable

Length	ST to ST Connectors	ST to FC Connectors	SC to SC Connectors	SC to ST Connectors	SC to FC Connectors	LC to ST Connectors
1 m (3 ft)	DFC-MD15TT	DFC-MD15TF	DFC-MD15SS	DFC-MD15ST	DFC-MD15SF	DFC-MD15LT
2 m (6.5 ft)	DFC-MD25TT	DFC-MD25TF	DFC-MD25SS	DFC-MD25ST	DFC-MD25SF	DFC-MD25LT
3 m (10 ft)	DFC-MD35TT	DFC-MD35TF	DFC-MD35SS	DFC-MD35ST	DFC-MD35SF	DFC-MD35LT
5 m (16 ft)	DFC-MD55TT	DFC-MD55TF	DFC-MD55SS	DFC-MD55ST	DFC-MD55SF	DFC-MD55LT
10 m (33 ft)	DFC-MD105TT	DFC-MD105TF	DFC-MD105SS	DFC-MD105ST	DFC-MD105SF	DFC-MD105LT

Length	LC to SC Connectors	LC to FC Connectors	MTRJ to MTRJ Connectors	MTRJ to ST Connectors	MTRJ to SC Connectors
1 m (3 ft)	DFC-MD15LS	DFC-MD15LF	DFC-MD15MM	DFC-MD15MT	DFC-MD15MS
2 m (6.5 ft)	DFC-MD25LS	DFC-MD25LF	DFC-MD25MM	DFC-MD25MT	DFC-MD25MS
3 m (10 ft)	DFC-MD35LS	DFC-MD35LF	DFC-MD35MM	DFC-MD35MT	DFC-MD35MS
5 m (16 ft)	DFC-MD55LS	DFC-MD55LF	DFC-MD55MM	DFC-MD55MT	DFC-MD55MS
10 m (33 ft)	DFC-MD105LS	DFC-MD105LF	DFC-MD105MM	DFC-MD105MT	DFC-MD105MS

62.5/125 Micron Multi-Mode Fiber (Simplex) Cable

Length	ST to ST Connectors	ST to FC Connectors	SC to SC Connectors	SC to ST Connectors	SC to FC Connectors	LC to ST Connectors
1 m (3 ft)	DFC-MS16TT	DFC-MS16TF	DFC-MS16SS	DFC-MS16ST	DFC-MS16SF	DFC-MS16LT
2 m (6.5 ft)	DFC-MS26TT	DFC-MS26TF	DFC-MS26SS	DFC-MS26ST	DFC-MS26SF	DFC-MS26LT
3 m (10 ft)	DFC-MS36TT	DFC-MS36TF	DFC-MS36SS	DFC-MS36ST	DFC-MS36SF	DFC-MS36LT
5 m (16 ft)	DFC-MS56TT	DFC-MS56TF	DFC-MS56SS	DFC-MS56ST	DFC-MS56SF	DFC-MS56LT
10 m (33 ft)	DFC-MS106TT	DFC-MS106TF	DFC-MS106SS	DFC-MS106ST	DFC-MS106SF	DFC-MS106LT

Length	LC to SC Connectors	LC to FC Connectors
1 m (3 ft)	DFC-MS16LS	DFC-MS16LF
2 m (6.5 ft)	DFC-MS26LS	DFC-MS26LF
3 m (10 ft)	DFC-MS36LS	DFC-MS36LF
5 m (16 ft)	DFC-MS56LS	DFC-MS56LF
10 m (33 ft)	DFC-MS106LS	DFC-MS106LF

62.5/125 Micron Multi-Mode Fiber (Duplex) Cable

Length	ST to ST Connectors	ST to FC Connectors	SC to SC Connectors	SC to ST Connectors	SC to FC Connectors	LC to ST Connectors
1 m (3 ft)	DFC-MD16TT	DFC-MD16TF	DFC-MD16SS	DFC-MD16ST	DFC-MD16SF	DFC-MD16LT
2 m (6.5 ft)	DFC-MD26TT	DFC-MD26TF	DFC-MD26SS	DFC-MD26ST	DFC-MD26SF	DFC-MD26LT
3 m (10 ft)	DFC-MD36TT	DFC-MD36TF	DFC-MD36SS	DFC-MD36ST	DFC-MD36SF	DFC-MD36LT
5 m (16 ft)	DFC-MD56TT	DFC-MD56TF	DFC-MD56SS	DFC-MD56ST	DFC-MD56SF	DFC-MD56LT
10 m (33 ft)	DFC-MD106TT	DFC-MD106TF	DFC-MD106SS	DFC-MD106ST	DFC-MD106SF	DFC-MD106LT

Length	LC to SC Connectors	LC to FC Connectors	MTRJ to MTRJ Connectors	MTRJ to ST Connectors	MTRJ to SC Connectors
1 m (3 ft)	DFC-MD16LS	DFC-MD16LF	DFC-MD16MM	DFC-MD16MT	DFC-MD16MS
2 m (6.5 ft)	DFC-MD26LS	DFC-MD26LF	DFC-MD26MM	DFC-MD26MT	DFC-MD26MS
3 m (10 ft)	DFC-MD36LS	DFC-MD36LF	DFC-MD36MM	DFC-MD36MT	DFC-MD36MS
5 m (16 ft)	DFC-MD56LS	DFC-MD56LF	DFC-MD56MM	DFC-MD56MT	DFC-MD56MS
10 m (33 ft)	DFC-MD106LS	DFC-MD106LF	DFC-MD106MM	DFC-MD106MT	DFC-MD106MS

9/125 Micron Single-Mode Fiber (Simplex) Cable

Length	ST to ST Connectors	ST to FC Connectors	SC to SC Connectors	SC (APC) to SC (APC) Connectors	SC to ST Connectors	SC to FC Connectors
1 m (3 ft)	DFC-SS19TT	DFC-SS19TF	DFC-SS19SS	DFC-SS19SA	DFC-SS19ST	DFC-SS19SF
2 m (6.5 ft)	DFC-SS29TT	DFC-SS29TF	DFC-SS29SS	DFC-SS29SA	DFC-SS29ST	DFC-SS29SF
3 m (10 ft)	DFC-SS39TT	DFC-SS39TF	DFC-SS39SS	DFC-SS39SA	DFC-SS39ST	DFC-SS39SF
5 m (16 ft)	DFC-SS59TT	DFC-SS59TF	DFC-SS59SS	DFC-SS59SA	DFC-SS59ST	DFC-SS59SF
10 m (33 ft)	DFC-SS109TT	DFC-SS109TF	DFC-SS109SS	DFC-SS109SA	DFC-SS109ST	DFC-SS109SF

Length	LC to ST Connectors	LC to SC Connectors	LC to FC Connectors
1 m (3 ft)	DFC-SS19LT	DFC-SS19LS	DFC-SS19LF
2 m (6.5 ft)	DFC-SS29LT	DFC-SS29LS	DFC-SS29LF
3 m (10 ft)	DFC-SS39LT	DFC-SS39LS	DFC-SS39LF
5 m (16 ft)	DFC-SS59LT	DFC-SS59LS	DFC-SS59LF
10 m (33 ft)	DFC-SS109LT	DFC-SS109LS	DFC-SS109LF

9/125 Micron Single-Mode Fiber (Duplex) Cable

Length	ST to ST Connectors	ST to FC Connectors	SC to SC Connectors	SC to ST Connectors	SC to FC Connectors	LC to ST Connectors
1 m (3 ft)	DFC-SD19TT	DFC-SD19TF	DFC-SD19SS	DFC-SD19ST	DFC-SD19SF	DFC-SD19LT
2 m (6.5 ft)	DFC-SD29TT	DFC-SD29TF	DFC-SD29SS	DFC-SD29ST	DFC-SD29SF	DFC-SD29LT
3 m (10 ft)	DFC-SD39TT	DFC-SD39TF	DFC-SD39SS	DFC-SD39ST	DFC-SD39SF	DFC-SD39LT
5 m (16 ft)	DFC-SD59TT	DFC-SD59TF	DFC-SD59SS	DFC-SD59ST	DFC-SD59SF	DFC-SD59LT
10 m (33 ft)	DFC-SD109TT	DFC-SD109TF	DFC-SD109SS	DFC-SD109ST	DFC-SD109SF	DFC-SD109LT

Length	LC to SC Connectors	LC to FC Connectors	MTRJ to MTRJ Connectors	MTRJ to ST Connectors	MTRJ to SC Connectors
1 m (3 ft)	DFC-SD19LS	DFC-SD19LF	DFC-SD19MM	DFC-SD19MT	DFC-SD19MS
2 m (6.5 ft)	DFC-SD29LS	DFC-SD29LF	DFC-SD29MM	DFC-SD29MT	DFC-SD29MS
3 m (10 ft)	DFC-SD39LS	DFC-SD39LF	DFC-SD39MM	DFC-SD39MT	DFC-SD39MS
5 m (16 ft)	DFC-SD59LS	DFC-SD59LF	DFC-SD59MM	DFC-SD59MT	DFC-SD59MS
10 m (33 ft)	DFC-SD109LS	DFC-SD109LF	DFC-SD109MM	DFC-SD109MT	DFC-SD109MS

KVM Cable

D-Link's KVM cables are all-in-one cable sets that minimize desktop clutter by combining each cable into one convenient package. The included VGA cable is designed to ensure the highest quality of video over a KVM switch connection. Each cable end is color coded (PC99) to ensure proper installation. Each cable is shielded with a ferrite core to reduce electromagnetic (EMI) and radio frequency interference (RFI).

D-Link's Keyboard, Video, and Mouse (KVM) cables are compatible with D-Link DKVM series KVM switches and most KVM switches available on the market. 2 types of KVM cables are available: (1) cable sets for VGA monitor and PS/2 keyboard/mouse connections, and (2) cable sets for VGA monitor and USB keyboard/mouse connections.

The cable sets for VGA monitor and PS/2 keyboard/mouse connections are 3-in-1 KVM cable sets, each includes a VGA cable and 2 PS/2 cables. Connectors supported include video (15-pin HDD male) connectors and keyboard/ mouse (6-pin mini-DIN male) connectors.

The cable sets for VGA monitor and USB keyboard/mouse connections are 2-in-1 KVM cable sets. each includes a VGA cable and a USB 2.0 cable. Connectors supported include video (15-pin HDD male) connectors and USB connectors that plug one end to the PC, the other end to a KVM switch.

KVM Cable

Length	With Monitor & PS/2 Cables	With Monitor & USB Cables
1.8 m (6 ft)	DKVM-CB	DKVM-CU
3 m (10 ft)	DKVM-CB3	DKVM-CU3
4.5 m (15 ft)	DKVM-CB5	DKVM-CU5

- All-in-one cable sets for minimal desktop clutter
- Individually shielded coaxial VGA cable
- Ferrite cores for protection against signal interference
- Double shielding (aluminum foil/braid shield) for complete protection
- Flexible, durable thin PVC jacket provided

USB Cable

D-Link's USB 2.0 cables are USB-IF certified to ensure that your USB devices will work and operate at the fastest speed possible. USB 2.0 extends the speed of the peripheral-to-PC connection up to 480Mbps* — 40 times faster than USB 1.1 when connected to another USB 2.0 device. The USB 2.0 cables can also be used to connect legacy USB 1.1 devices. The higher bandwidth supports applications such as digital image creation, where multiple high-speed peripherals run simultaneously.

* Maximum transfer rate based on USB 2.0 specifications. Actual data throughput will vary.

USB 2.0 Cable

Length	With A to B Connectors	AM to AF Extension
1.8 m (6 ft)	DUB-C2AB	DUB-C2AE
3 m (10 ft)	DUB-C3AB	DUB-C3AE
4.5 m (15 ft)	DUB-C5AB	DUB-C5AE

- Compliant with USB 2.0 standard
- USB IF certified
- High speed up to 480Mbps
- Gold plated in 30 micron
- 1-pair strand 28AWG
- Strand 24AWG 2C, 90 Ohm

1394 Cable

The IEEE 1394 cable is a fast external serial bus that supports data transfer rates of up to 400 Mbps. It is used primarily for multimedia devices such as camcorders, computers, video cassette recorders (VCR's) and digital audio recording workstations.

There are 3 types of cables used for 1394. (1) The 6 conductor type has 2 separately shielded twisted pairs for data and 2 power wires in a shielded cable with 6-pin connectors on either side. (2) The 4 wire cable uses 2 separately shielded data cables without power wires in an overall shielded cable with 4-pin connectors on either end. (3) The third type of cable uses either type of actual cable, with a 6-pin connector on one side, and a 4-pin connector on the other side of the cable.

There are 2 different connectors used for the 1394 cable: the 6-pin and the 4-pin. To determine the proper cable, check the connector of your camera and computer. The 4-pin connector is more common on digital video camcorders and other small external devices because of its small size, while the 6-pin connector is more common on PC's, CDRW's, external hard drives, and digital audio workstations due to it's durability and support for external power for 1394 peripherals.

Many new products are starting to support the 1394 standard, including the iMac, G3, G4, "video editing" enabled PC's, various DV camcorders, CDRW's, external hard drives, and digital audio recording systems. Most PC's will still require a FireWire/ilink add-on card for the PCI bus to support the standard, although some newer computers have them installed.

D-Link 1394 cable has very durable connectors attached to the cable ends. These connectors are easy to use even in situations where you must blindly insert them to the back of a device.

1394 Cable

Length	With 6-Pin Connectors	With 6-Pin & 4-Pin Connectors
1.8 m (6 ft)	DC-18FW66	DC-18FW64

- Compliant with 1394a standard
- High data transfer speed of up to 400Mbps
- 2-pair strand 30AWG, 110 Ohm

D-Link Worldwide Offices

U.S.A.	TEL: 1-800-326-1688	FAX: 1-866-743-4905
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Europe (U. K.)	TEL: 44-20-8731-5555	FAX: 44-20-8731-5511
Germany	TEL: 49-6196-77990	FAX: 49-6196-7799300
France	TEL: 33-1-30238688	FAX: 33-1-30238689
Netherlands	TEL: 31-10-282-1445	FAX: 31-10-282-1331
Belgium	TEL: 32(0)2-517-7111	FAX: 32(0)2-517-6500
Italy	TEL: 39-02-2900-0676	FAX: 39-02-2900-1723
Sweden	TEL: 46-(0)8564-61900	FAX: 46-(0)8564-61901
Denmark	TEL: 45-43-969040	FAX: 45-43-424347
Norway	TEL: 47-99-300-100	FAX: 47-22-309580
Finland	TEL: 358-9-2707 5080	FAX: 358-9-2707-5081
Spain	TEL: 34-93-4090770	FAX: 34-93-4910795
Portugal	TEL: 351-21-8688493	
Czech Republic	TEL: 420-(603)-276-589	
Switzerland	TEL: 41-(0)-1-832-11-00	FAX: 41(0)-1-832-11-01
Greece	TEL: 30-210-9914 512	FAX: 30-210-9916902

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Hungary	TEL: 36-(0)-1-461-30-00	FAX: 36-(0)-1-461-30-09
Singapore	TEL: 65-6774-6233	FAX: 65-6774-6322
Australia	TEL: 61-2-8899-1800	FAX: 61-2-8899-1868
India	TEL: 91-022-26526696	FAX: 91-022-26528914
Middle East (Dubai)	TEL: 971-4-3916480	FAX: 971-4-3908881
Turkey	TEL: 90-212-289-56-59	FAX: 90-212-289-76-06
Egypt	TEL: 202-414-4295	FAX: 202-415-6704
Israel	TEL: 972-9-9715700	FAX: 972-9-9715601
LatinAmerica	TEL: 56-2-232-3185	FAX: 56-2-232-0923
Brazil	TEL: 55-11-218-59300	FAX: 55-11-218-59322
South Africa	TEL: 27-12-665-2165	FAX: 27-12-665-2186
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