D-Link®
Building Networks for People

Fiber Patch Cords

D-Link offers standard simplex & duplex patch cords in a variety of connectors & cables configurations. D-Link patch cords are available with full standard optical specifications, precise length tolerances. All assemblies are 100% inspected for optical characteristics and fiber end face finish.

The optical fiber patch cords are suitable for data communication, telecommunication applications. The terminated connectors in assemblies are designed to and are compatible with industry standards (EIA/TIA, IEC, ANSI, NTT and Telcordia). D-Link can deliver customized patch cords as per requirement.

Simplex:

Duplex:

Features

- Adopts high precision ceramic ferrule with good concentricity.
- Good geometrical characteristics of apex offset & radius of curvature & fiber height.
- Compact & strong crimping offers exceptional tensile strength in cable assemblies.
- 100% inspected for optical characteristics & fiber end face finish.
- Low insertion loss & return loss, clean and scratch-free end faces.
- Good performance endurance under changing circumstances.
- Strength member kevlar

SPECIFICATIONS

Connector Type		SC / ST / FC / LC / MTRJ	
Optical Fiber		Corning single-mode G652D,	Corning multimode OM1, OM2, OM3, OM4
Cable Type		PVC & LSZH on request	
		0.9mm/2.0mm/3.0mm Simplex & duplex	
Cable Color, Length		Yellow for Single-mode & Orange for Multi-mode & Aqua for OM3 1m, 2m & 3m. Other lengths on request.	
Optical Specification	Insertion Loss	Typical: ≤ 0.2dB, Max. 0.3dB (MTRJ: Max. 0.5dB)	Typical: ≤ 0.2dB, Max. 0.3dB (MTRJ: Max. 0.5dB)
	Return Loss	PC ≥ 45dB, UPC ≥ 50 dB, APC ≥ 60dB	≥ 30dB
Mechanical Specification	Connector Ferrule	Ceramic, (MTRJ: PS- Polyphenylene Sulphide)	
	Apex Offset	< 50um	
	Fiber Height	± 100um	
	End-face Radius of Curvature	7mm < R < 25mm (Excluding MTRJ)	
	Repeatability	≤ 0.2dB 1,000 times mating cycles	
Working Temperature		– 40°C ~ + 85°C	
Storage Temperature		– 40°C ~ +85°C	

ORDERING INFORMATION:

Type-Length	Single Mode (09um-OS2)	Multi Mode (62.5 um-OM1)	Multi Mode (50um-OM2)	Multi Mode (50um-OM3)	Multi Mode (50um-OM4)
Simplex-1m	NCB-FS10S-SCSC-1-FRK	NCB-FM62S-SCSC-1-FRK	NCB-FM50S-SCSC-1-FRK	NCB-FM51S-SCSC-1-FRK	NCB-FM54S-SCSC-1-FRK
	NCB-FS10S-LCSC-1-FRK	NCB-FM62S-LCSC-1-FRK	NCB-FM50S-LCSC-1-FRK	NCB-FM51S-LCSC-1-FRK	NCB-FM54S-LCSC-1-FRK
	NCB-FS10S-LCLC-1-FRK	NCB-FM62S-LCLC-1-FRK	NCB-FM50S-LCLC-1-FRK	NCB-FM51S-LCLC-1-FRK	NCB-FM54S-LCLC-1-FRK
Duplex-1m	NCB-FS10D-SCSC-1-FRK	NCB-FM62D-SCSC-1-FRK	NCB-FM50D-SCSC-1-FRK	NCB-FM51D-SCSC-1-FRK	NCB-FM54D-SCSC-1-FRK
	NCB-FS10D-LCSC-1-FRK	NCB-FM62D-LCSC-1-FRK	NCB-FM50D-LCSC-1-FRK	NCB-FM51D-LCSC-1-FRK	NCB-FM54D-LCSC-1-FRK
	NCB-FS10D-LCLC-1-FRK	NCB-FM62D-LCLC-1-FRK	NCB-FM50D-LCLC-1-FRK	NCB-FM51D-LCLC-1-FRK	NCB-FM54D-LCLC-1-FRK
Simplex-2m	NCB-FS10S-SCSC-2-FRK	NCB-FM62S-SCSC-2-FRK	NCB-FM50S-SCSC-2-FRK	NCB-FM51S-SCSC-2-FRK	NCB-FM54S-SCSC-2-FRK
	NCB-FS10S-LCSC-2-FRK	NCB-FM62S-LCSC-2-FRK	NCB-FM50S-LCSC-2-FRK	NCB-FM51S-LCSC-2-FRK	NCB-FM54S-LCSC-2-FRK
	NCB-FS10S-LCLC-2-FRK	NCB-FM62S-LCLC-2-FRK	NCB-FM50S-LCLC-2-FRK	NCB-FM51S-LCLC-2-FRK	NCB-FM54S-LCLC-2-FRK
Duplex-2m	NCB-FS10D-SCSC-2-FRK	NCB-FM62D-SCSC-2-FRK	NCB-FM50D-SCSC-2-FRK	NCB-FM51D-SCSC-2-FRK	NCB-FM54D-SCSC-2-FRK
	NCB-FS10D-LCSC-2-FRK	NCB-FM62D-LCSC-2-FRK	NCB-FM50D-LCSC-2-FRK	NCB-FM51D-LCSC-2-FRKS	NCB-FM54D-LCSC-2-FRK
	NCB-FS10D-LCLC-2-FRK	NCB-FM62D-LCLC-2-FRK	NCB-FM50D-LCLC-2-FRK	NCB-FM51D-LCLC-2-FRK	NCB-FM54D-LCLC-2-FRK
Simplex-3m	NCB-FS10S-SCSC-3-FRK	NCB-FM62S-SCSC-3-FRK	NCB-FM50S-SCSC-3-FRK	NCB-FM51S-SCSC-3-FRK	NCB-FM54S-SCSC-3-FRK
	NCB-FS10S-LCSC-3-FRK	NCB-FM62S-LCSC-3-FRK	NCB-FM50S-LCSC-3-FRK	NCB-FM51S-LCSC-3-FRK	NCB-FM54S-LCSC-3-FRK
	NCB-FS10S-LCLC-3-FRK	NCB-FM62S-LCLC-3-FRK	NCB-FM50S-LCLC-3-FRK	NCB-FM51S-LCLC-3-FRK	NCB-FM54S-LCLC-3-FRK
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	NCB-FS10D-LCSC-3-FRK	NCB-FM62D-LCSC-3-FRK	NCB-FM50D-LCSC-3-FRK	NCB-FM51D-LCSC-3-FRK	NCB-FM54D-LCSC-3-FRK
	NCB-FS10D-LCLC-3-FRK	NCB-FM62D-LCLC-3-FRK	NCB-FM50D-LCLC-3-FRK	NCB-FM51D-LCLC-3-FRK	NCB-FM54D-LCLC-3-FRK

LSZH					
Type-Length	Single Mode (09um-OS2)	Multi Mode (62.5 um-OM1)	Multi Mode (50um-OM2)	Multi Mode (50um-OM3)	Multi Mode (50um-OM4)
Simplex-1m	NCB-FS10S-SCSC-1-FRK-LS	NCB-FM62S-SCSC-1-FRK-LS	NCB-FM50S-SCSC-1-FRK-LS	NCB-FM51S-SCSC-1-FRK-LS	NCB-FM54S-SCSC-1-FRK-LS
	NCB-FS10S-LCSC-1-FRK-LS	NCB-FM62S-LCSC-1-FRK-LS	NCB-FM50S-LCSC-1-FRK-LS	NCB-FM51S-LCSC-1-FRK-LS	NCB-FM54S-LCSC-1-FRK-LS
	NCB-FS10S-LCLC-1-FRK-LS	NCB-FM62S-LCLC-1-FRK-LS	NCB-FM50S-LCLC-1-FRK-LS	NCB-FM51S-LCLC-1-FRK-LS	NCB-FM54S-LCLC-1-FRK-LS
Duplex-1m	NCB-FS10D-SCSC-1-FRK-LS	NCB-FM62D-SCSC-1-FRK-LS	NCB-FM50D-SCSC-1-FRK-LS	NCB-FM51D-SCSC-1-FRK-LS	NCB-FM54D-SCSC-1-FRK-LS
	NCB-FS10D-LCSC-1-FRK-LS	NCB-FM62D-LCSC-1-FRK-LS	NCB-FM50D-LCSC-1-FRK-LS	NCB-FM51D-LCSC-1-FRK-LS	NCB-FM54D-LCSC-1-FRK-LS
	NCB-FS10D-LCLC-1-FRK-LS	NCB-FM62D-LCLC-1-FRK-LS	NCB-FM50D-LCLC-1-FRK-LS	NCB-FM51D-LCLC-1-FRK-LS	NCB-FM54D-LCLC-1-FRK-LS
Simplex-2m	NCB-FS10S-SCSC-2-FRK-LS	NCB-FM62S-SCSC-2-FRK-LS	NCB-FM50S-SCSC-2-FRK-LS	NCB-FM51S-SCSC-2-FRK-LS	NCB-FM54S-SCSC-2-FRK-LS
	NCB-FS10S-LCSC-2-FRK-LS	NCB-FM62S-LCSC-2-FRK-LS	NCB-FM50S-LCSC-2-FRK-LS	NCB-FM51S-LCSC-2-FRK-LS	NCB-FM54S-LCSC-2-FRK-LS
	NCB-FS10S-LCLC-2-FRK-LS	NCB-FM62S-LCLC-2-FRK-LS	NCB-FM50S-LCLC-2-FRK-LS	NCB-FM51S-LCLC-2-FRK-LS	NCB-FM54S-LCLC-2-FRK-LS
Duplex-2m	NCB-FS10D-SCSC-2-FRK-LS	NCB-FM62D-SCSC-2-FRK-LS	NCB-FM50D-SCSC-2-FRK-LS	NCB-FM51D-SCSC-2-FRK-LS	NCB-FM54D-SCSC-2-FRK-LS
	NCB-FS10D-LCSC-2-FRK-LS	NCB-FM62D-LCSC-2-FRK-LS	NCB-FM50D-LCSC-2-FRK-LS	NCB-FM51D-LCSC-2-FRK-LS	NCB-FM54D-LCSC-2-FRK-LS
	NCB-FS10D-LCLC-2-FRK-LS	NCB-FM62D-LCLC-2-FRK-LS	NCB-FM50D-LCLC-2-FRK-LS	NCB-FM51D-LCLC-2-FRK-LS	NCB-FM54D-LCLC-2-FRK-LS
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	NCB-FS10S-LCSC-3-FRK-LS	NCB-FM62S-LCSC-3-FRK-LS	NCB-FM50S-LCSC-3-FRK-LS	NCB-FM51S-LCSC-3-FRK-LS	NCB-FM54S-LCSC-3-FRK-LS
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	NCB-FS10D-LCSC-3-FRK-LS	NCB-FM62D-LCSC-3-FRK-LS	NCB-FM50D-LCSC-3-FRK-LS	NCB-FM51D-LCSC-3-FRK-LS	NCB-FM54D-LCSC-3-FRK-LS
	NCB-FS10D-LCLC-3-FRK-LS	NCB-FM62D-LCLC-3-FRK-LS	NCB-FM50D-LCLC-3-FRK-LS	NCB-FM51D-LCLC-3-FRK-LS	NCB-FM54D-LCLC-3-FRK-LS

*Other length available on request

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