

Fiber Optic Patch Cords

Fiber Optic Patch Cords (Single-Mode & Multimode)

Model: *Refer to Product Ordering Code*

PRODUCT OVERVIEW

DSGio's patch cord provides a cost-effective and reliable solution for connections between fiber optic equipment and components. It offers easy installation, environmental stability, and excellent mechanical performance. DSGio's patch cords are fully factory-terminated and tested to ensure compliance with GR-326-CORE standards.



FEATURES

- Low insertion loss and high return loss
- Available in single-mode and multimode
- Standard and customised configurations available
- UPC polishing (standard); PC/APC available upon request
- High reliability and stability
- Compliant with GR-326-CORE

APPLICATIONS

- FTTH / FTTB
- Telecommunications
- Test equipment
- LAN / WAN
- CATV

Fiber Optic Patch Cords

SPECIFICATIONS

Fiber Type		Single-mode		Multimode	
Nominal Fiber OD		125.3 ~ 126.5 μ m		126 ~ 127.5 μ m	
Connector Type		SC, FC, ST, E2000, LX.5, LC, MU, CS	MTRJ	SC, FC, ST, E2000, LC, MU	MTRJ
Insertion Loss (Typical) (dB)		0.2	0.5	0.3	0.45
Insertion Loss (Max.) (dB)		0.3	0.8	0.5	0.7
Return Loss (dB)	PC	\leq -40	\leq -30	-	
	UPC	\leq -50	-	-	
	APC	\leq -60	-	-	
Mating Durability (500 cycles)		\leq 0.2dB			
Temperature Stability		\leq 0.3dB			
Operating Temperature °C		-40°C ~ 70°C			
Storage Temperature °C		-40°C ~ 85°C			

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PRODUCT ORDERING CODE

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Fiber Type

- S: SM 9/125 G652D
- A: SM 9/125 G657A1
- B: SM 9/125 G657A2(B2)
- C: SM 9/125 G657B3
- Z: SM 9/125 G655
- 1: MM 62.5/125 OM1
- 2: MM 50/125 OM2
- 3: MM 50/125 OM3
- 4: MM 50/125 OM4

Cable Counts

- S: Simplex P: Drop Simplex
- D: Duplex Q: Drop Duplex
- R: Round Duplex

Cable Diameter

- 3: 3.0mm 6: 1.6mm 9: 0.9mm
- 2: 2.0mm 8: 1.8mm B: Bare Fiber

Cable Jacket

- P: PVC Q: OFNP H: Hytrel
- L: LSZH R: OFNR E: PE

Connector Type at End 1 & End 2

- | | | |
|------------|----------|---------|
| F: FC | S: SC | T: ST |
| L: LC | C: DSC | D: DLC |
| U: Uni-LC | M: MU | J: MTRJ |
| N: Mini-LC | E: E2000 | 5: LX.5 |
| K: CS | X: None | A: SMA |

Polish / Pin Type at End 1 & End 2

- P: UPC/PC A: APC
- M: MTRJ Male F: MTRJ Female
- X: None

Cable Length

Meters

PACKAGE CONTENTS

- 1 x Fiber Optic Patch Cord (as ordered)

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WARRANTY

- 3-Year Limited Warranty against defects in materials and workmanship under normal use and installation

STANDARD STOCK CONFIGURATIONS

- A. Single-Mode 9/125 μm G.652.D LC-LC Duplex Fiber Optic Patch Cord
0.9 mm PVC Jacket, UPC Polished
- B. Multimode 50/125 μm OM3 LC-LC Duplex Fiber Optic Patch Cord
0.9 mm PVC Jacket, UPC Polished

Part Number	Descriptions
A. SM LC-LC Duplex Fiber Patch Cord (G.652.D, 0.9 mm, UPC)	
SD9P-LPLP-002	SM 9/125 G652D, Duplex, 0.9mm, PVC, LC/UPC, 2M
SD9P-LPLP-003	SM 9/125 G652D, Duplex, 0.9mm, PVC, LC/UPC, 3M
SD9P-LPLP-005	SM 9/125 G652D, Duplex, 0.9mm, PVC, LC/UPC, 5M
SD9P-LPLP-010	SM 9/125 G652D, Duplex, 0.9mm, PVC, LC/UPC, 10M
B. OM3 LC-LC Duplex Multimode Fiber Patch Cord (50/125, 0.9 mm, UPC)	
3D9P-LPLP-002	MM 50/125 OM3, Duplex, 0.9mm, PVC, LC/UPC, 2M
3D9P-LPLP-003	MM 50/125 OM3, Duplex, 0.9mm, PVC, LC/UPC, 3M
3D9P-LPLP-005	MM 50/125 OM3, Duplex, 0.9mm, PVC, LC/UPC, 5M
3D9P-LPLP-010	MM 50/125 OM3, Duplex, 0.9mm, PVC, LC/UPC, 10M

CONTACT INFORMATION

For more information, please visit our website or contact our customer service team:

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