

## LC-LC (UPC) OM4 MULTI MODE DUPLEX FIBRE OPTIC CABLE

**PART NO.:** KB-LCLC-M40xx

**DESCRIPTION:** OM4 LC-LC Duplex Multi-Mode Fibre Patch Cord, LSZH

The KAYBE LC-LC (UPC) OM4 Multimode Duplex Fibre Optic Cable is designed for high-speed short-range connectivity in data centers and enterprise networks, supporting 10G, 40G, and 100G applications over optimized distances. Built with 50/125 µm OM4 laser-optimized multimode fibre, it delivers enhanced bandwidth performance for high-density networking environments. Precision ceramic ferrules ensure accurate fibre alignment with low insertion loss, while UPC-polished LC connectors provide reliable signal transmission. The bend-resistant fibre design helps reduce signal loss in tight routing scenarios, making it ideal for patching between switches, servers, and network equipment. Encased in a Low Smoke Zero Halogen (LSZH) flame-retardant jacket, the cable emits minimal smoke and toxic fumes, ensuring safer installations in data centers, commercial buildings, and confined environments.



### KEY FEATURES

- 1. Superior Build Quality:** LC-LC connectors with UPC polishing deliver improved return loss compared to traditional PC polish.
- 2. Safe & Reliable Performance:** Individually tested for consistent performance; LSZH jacket minimizes toxic fumes in case of fire.
- 3. Broad Network Compatibility:** OM4 multimode duplex fibre supports 10G/40G/100G applications, is backward compatible with OM3 and OM2, and offers high bandwidth for short-range data center connectivity; bend-resistant design enables tight routing.
- 4. Enhanced Fire Safety:** Low Smoke Zero Halogen (LSZH) fire-retardant cable jacket.

CONSTRUCTION DATA SHEET

ADAPTERS SUPPORTED	Connector A 1 - Fibre Optic LC Duplex Connector B 1 - Fibre Optic LC Duplex
PRODUCT SPECIFICATIONS	
Cable Color	Violet
Insertion Loss(dB)	≤0.3dB
Cable diameter	2.0mm
Cable type	LSZH
Ferrule Interface type	PC
Mode	50/125

ENVIRONMENTAL CHARACTERISTICS

Operating Temperature	-20°C to 70°C
Storage Temperature	-40°C to 85°C

ORDERING INFORMATION AS PER FOLLOWS

PART NO	PRODUCT DESCRIPTION	LENGTH
KB-LCLC-M4010	LC-LC (UPC) OM4 Multi Mode Duplex Fibre Optic Cable	1.0m
KB-LCLC-M4020	LC-LC (UPC) OM4 Multi Mode Duplex Fibre Optic Cable	2m
KB-LCLC-M4030	LC-LC (UPC) OM4 Multi Mode Duplex Fibre Optic Cable	3m
KB-LCLC-M4050	LC-LC (UPC) OM4 Multi Mode Duplex Fibre Optic Cable	5m
KB-LCLC-M4100	LC-LC (UPC) OM4 Multi Mode Duplex Fibre Optic Cable	10m
KB-LCLC-M4300	LC-LC (UPC) OM4 Multi Mode Duplex Fibre Optic Cable	30m

OTHER PRODUCTS INCLUDE

LC-SC (UPC) OS2 SINGLE MODE DUPLEX FIBRE OPTIC CABLE	LC-LC (UPC) OS2 SINGLE MODE DUPLEX FIBRE OPTIC CABLE	SC-SC (UPC) OS2 SINGLE MODE DUPLEX FIBRE OPTIC CABLE	LC-SC (UPC) OM4 MULTI MODE DUPLEX FIBRE OPTIC CABLE
SC-SC (UPC) OM4 MULTI MODE DUPLEX FIBRE OPTIC CABLE	LC-LC (UPC) OM5 MULTI MODE DUPLEX FIBRE OPTIC CABLE	LC-SC (UPC) OM5 MULTI MODE DUPLEX FIBRE OPTIC CABLE	