



Introducing Ultra Short LC : Fiber Optic Cable Assemblies

Ultra Short LC connector based, high quality single mode and multi mode fiber optic cable assemblies have been designed to meet the highest and most demanding Industry standards. The newly developed ultra short LC connector provides a strong solution for all connectivity needs in any professional network and system, especially in places with limited space.

KEY FEATURES

- Ultra short 35.4 mm from tip to end of boot
- Simplex and duplex
- Single mode and multi mode
- 1.25mm ceramic ferrules
- OFNP, OFNR and LSHZ
- Cable diameters 1.8 mm, 2.0 mm
- Attached protection cap
- Factory terminated and tested
- Tunable single mode connectors
- Bend limiting boot
- Anti snag thumb latch

BENEFITS

- Due to the short bending radius in all directions, no preformed boots are needed and only one assembly part number will be required.
- No need to adjust your racks or equipment; the product can be used in small area's (Usable for front patching with limited space "X" (26-32 mm) between door and panel, see table on the right)
- High quality connectors with outstanding link performance.
- Load can be applied without affecting signal integrity.
- Compatible with industry standard LC connectors, so no replacements of installed assemblies needed.

APPLICATIONS

- Transmission systems
- Computer clusters
- Storage systems
- Switching systems
- DWDM systems
- Telecommunications and Metropolitan Network
- Premises wiring
- Access network

OPTICAL

Typical insertions loss

Single Mode : 0.1dB

Multi Mode : 0.1dB

Typical return loss

Single Mode > 50dB

Multi Mode > 30dB

MECHANICAL

Mating durability : 500

Operating temperature single mode : -20°C to +70°C

Operating temperature multi mode : -10°C to + 60°C

STANDARDS AND SPECIFICATIONS

The Ultra short LC is designed to meet the relevant Telcordia GR326-CORE, IEC, CENELEC, ISO and ETSI specifications.



NOTE : See chart below for dimension "X".

Average Attenuation of 4 Pairs of LC Connectors

G657	X = 32 mm		X = 30 mm		X = 26 mm	
λ (nm)	1310	1550	1310	1550	1310	1550
Average (dB)	0.00	0.01	0.03	0.00	0.01	0.02

G652	X = 32 mm		X = 30 mm		X = 26 mm	
λ (nm)	1310	1550	1310	1550	1310	1550
Average (dB)	0.00	0.02	0.02	0.08	0.01	0.25

PRODUCT OFFERING

Fiber Optic Cable Assembly Part Numbers

MULTI MODE	
62,5/125 1,8 mini zip cable LC/PC ultra short : LC/PC ultra short	
2061528-1	FOMM62 Lead 1.8MZ LC Ultra Short 1m
2061528-2	FOMM62 Lead 1.8MZ LC Ultra Short 2m
2061528-3	FOMM62 Lead 1.8MZ LC Ultra Short 3m
2061528-5	FOMM62 Lead 1.8MZ LC Ultra Short 5m

SINGLE MODE	
G652 1,8 mini zip cable LC/PC ultra short : LC/PC ultra short	
2061530-1	FOSM G652 Lead 1.8MZ LC Ultra Short 1m
2061530-2	FOSM G652 Lead 1.8MZ LC Ultra Short 2m
2061530-3	FOSM G652 Lead 1.8MZ LC Ultra Short 3m
2061530-5	FOSM G652 Lead 1.8MZ LC Ultra Short 5m

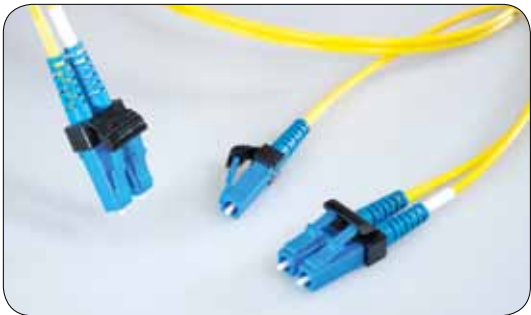
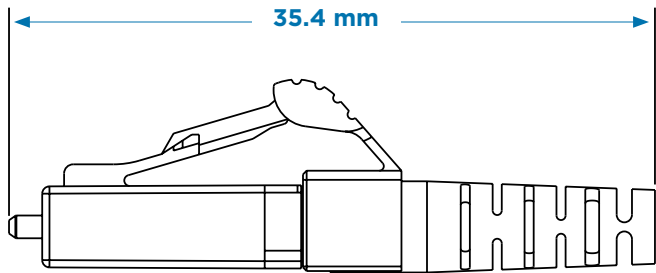
MULTI MODE	
50/125 1,8 mini zip cable LC/PC ultra short : LC/PC ultra short	
2061529-1	FOMM50 Lead 1.8MZ LC Ultra Short 1m
2061529-2	FOMM50 Lead 1.8MZ LC Ultra Short 2m
2061529-3	FOMM50 Lead 1.8MZ LC Ultra Short 3m
2061529-5	FOMM50 Lead 1.8MZ LC Ultra Short 5m

SINGLE MODE	
G657 1,8 mini zip cable LC/PC ultra short : LC/PC ultra short	
2061531-1	FOSM G657 Lead 1.8MZ LC Ultra Short 1m
2061531-2	FOSM G657 Lead 1.8MZ LC Ultra Short 2m
2061531-3	FOSM G657 Lead 1.8MZ LC Ultra Short 3m
2061531-5	FOSM G657 Lead 1.8MZ LC Ultra Short 5m

NOTE : Other types of assemblies on request

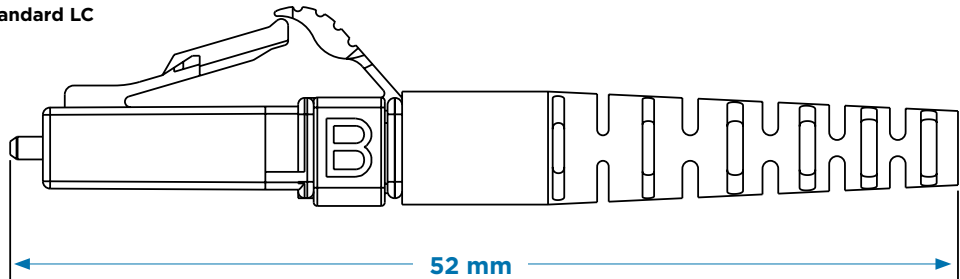
PRODUCT DIMENSIONS

Ultra Short



Simplex and Duplex version of Ultra Short LC

Standard LC



FOR MORE INFORMATION

te.com/products/UltraShortLC

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Part numbers in this brochure are RoHS Compliant*, unless marked otherwise.

*as defined www.te.com/leadfree

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