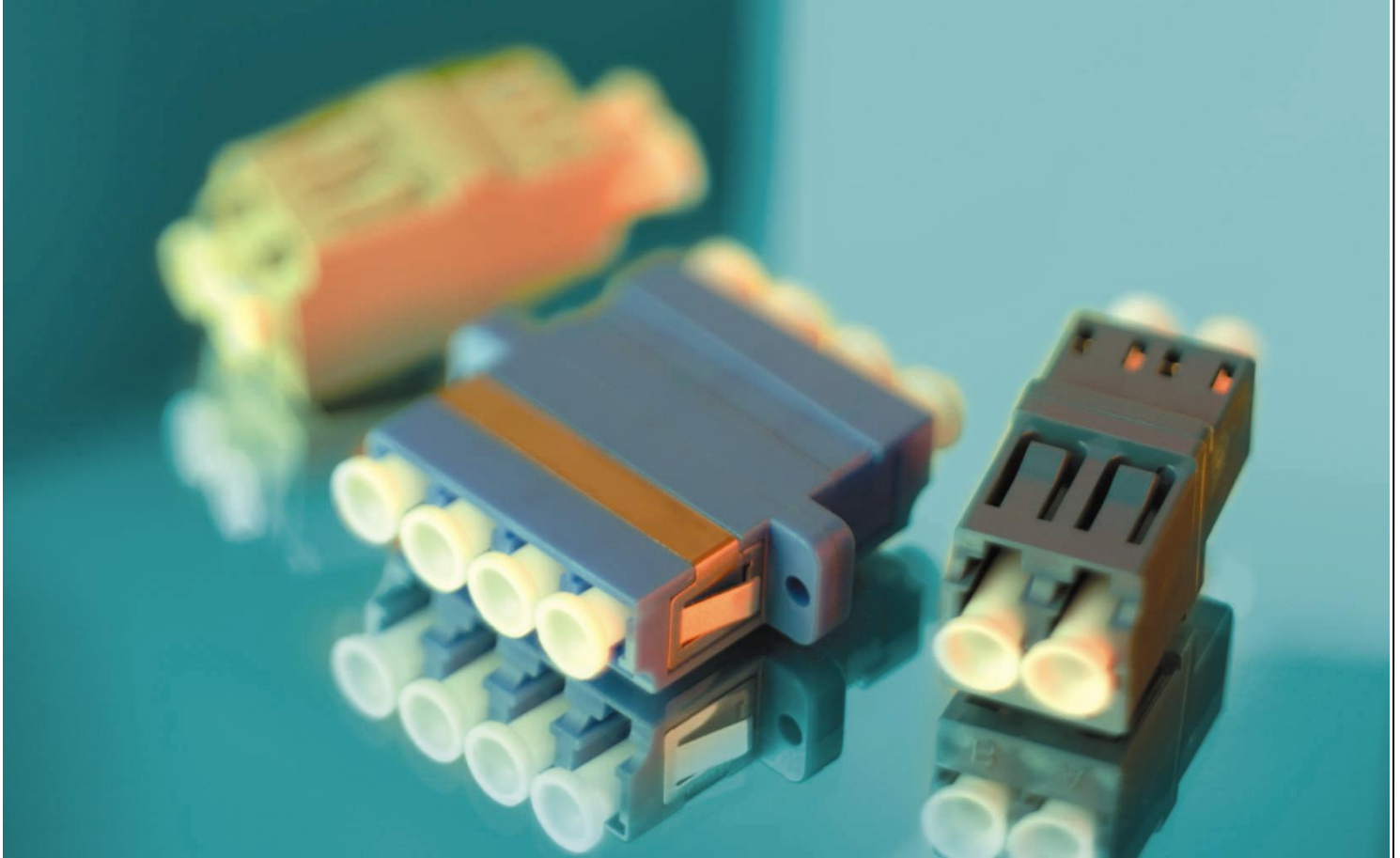
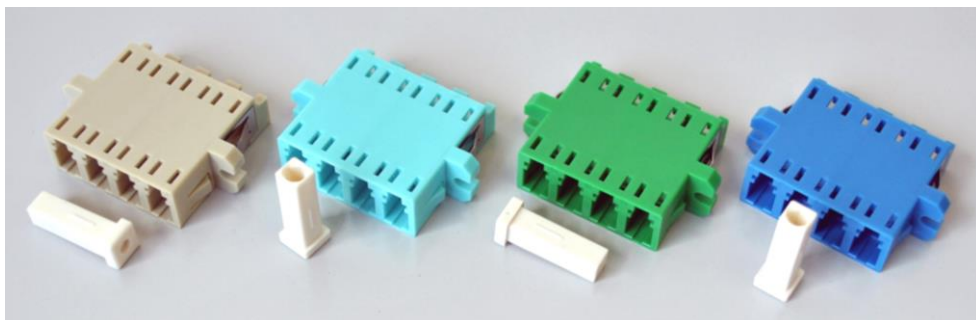
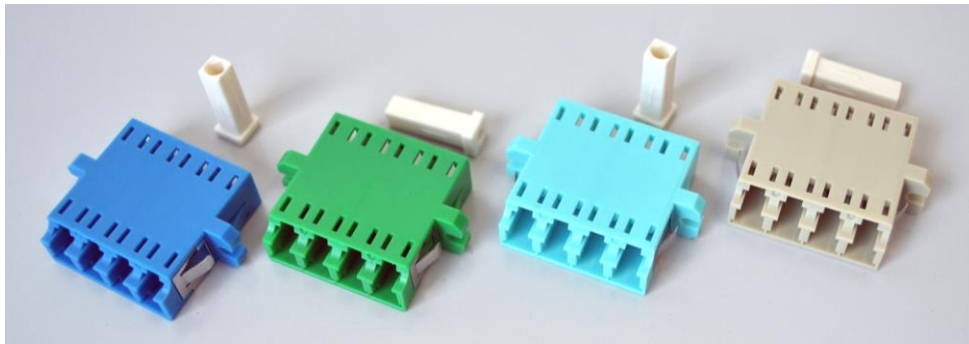


LC Quad Adapter Senior/Junior



T E C H N I C A L S P E C I F I C A T I O N



GENERAL

This specification covers the requirement of the LC Quad adapter one piece, senior/junior SC Duplex Footprint for SM and MM applications according to IEC 61754-20 and TIA-604-10-B.

MODELS AVAILABLE

The LC Quad adapter is available in the following standard colours:

- Blue Ral 5015
- Green Ral 6018
- Aqua Ral 6027
- Beige Ral 1013

The straight alignment sleeves are available as:

- Low loss Zirconia for SM IL < 0.1 dB applications.
- Standard Zirconia for SM and MM applications.

Metal sleeves instead of ceramic sleeves and metal mount plate not assembled on request

OPTICAL CHARACTERISTICS

Typical Insertion Loss [dB]

Adapter Type	SM at 1310 nm	
	Low Loss Zirconia Sleeve	Standard Zirconia Sleeve
LC Quad PC	< 0.10	< 0.15
LC Quad APC	< 0.10	< 0.20

M E C H A N I C A L C H A R A C T E R I S T I C S

- Insertion loss variation during withdrawal < 0.20 dB
- Insertion loss variation after 500 connections < 0.10 dB

M A T E R I A L S

Component	Material
External housing	PEI ULTEM UL94V-0
Internal housing	PEI ULTEM UL94V-0
Dust cap	TPV UL94V-0
Mount Plate	AISI 304
Sleeve	Zirconia

Optoplast products are **RoHS** and **REACH** compliant.

E N V I R O N M E N T A L S P E C I F I C A T I O N S

	min	max
Operating Temperature [°C]	-25	+70
Storage Temperature [°C]	-40	+85

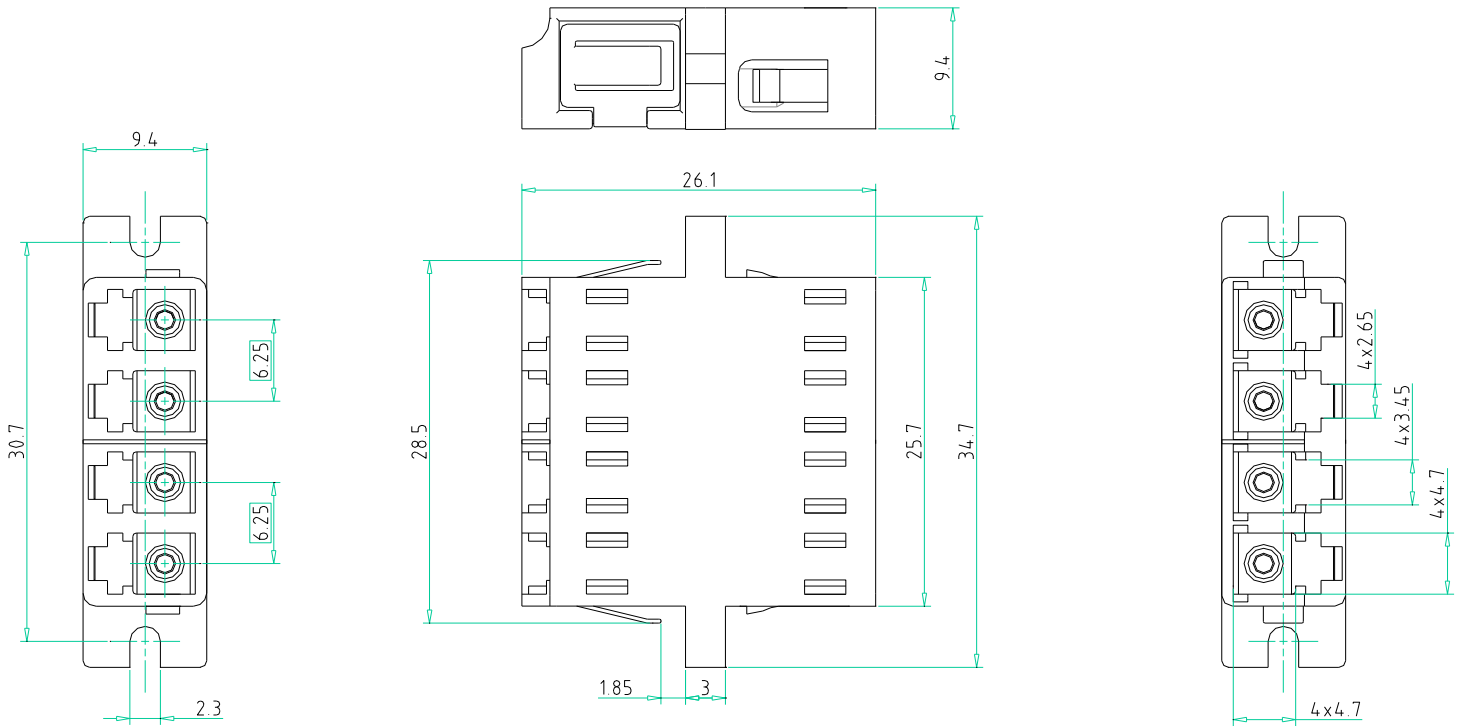
P A C K A G I N G

Each adapter is packaged as standard in units of 25 pieces, in plastic blisters with no logo or any other company marking.

Customized packaging and labelling solutions are available on request.

TECHNICAL DRAWINGS

LC Quad Adapter Senior/Junior SC Duplex Footprint



RECOMMENDED PANEL DIMENSIONS

Model	Panel Hole
LC Quad SC Duplex Footprint	<p>Panel hole dimensions for LC Quad SC Duplex Footprint: 30.7 (total height), 26.2 (inner height), 9.5 (width), and mounting holes.</p>

END OF SPECIFICATION