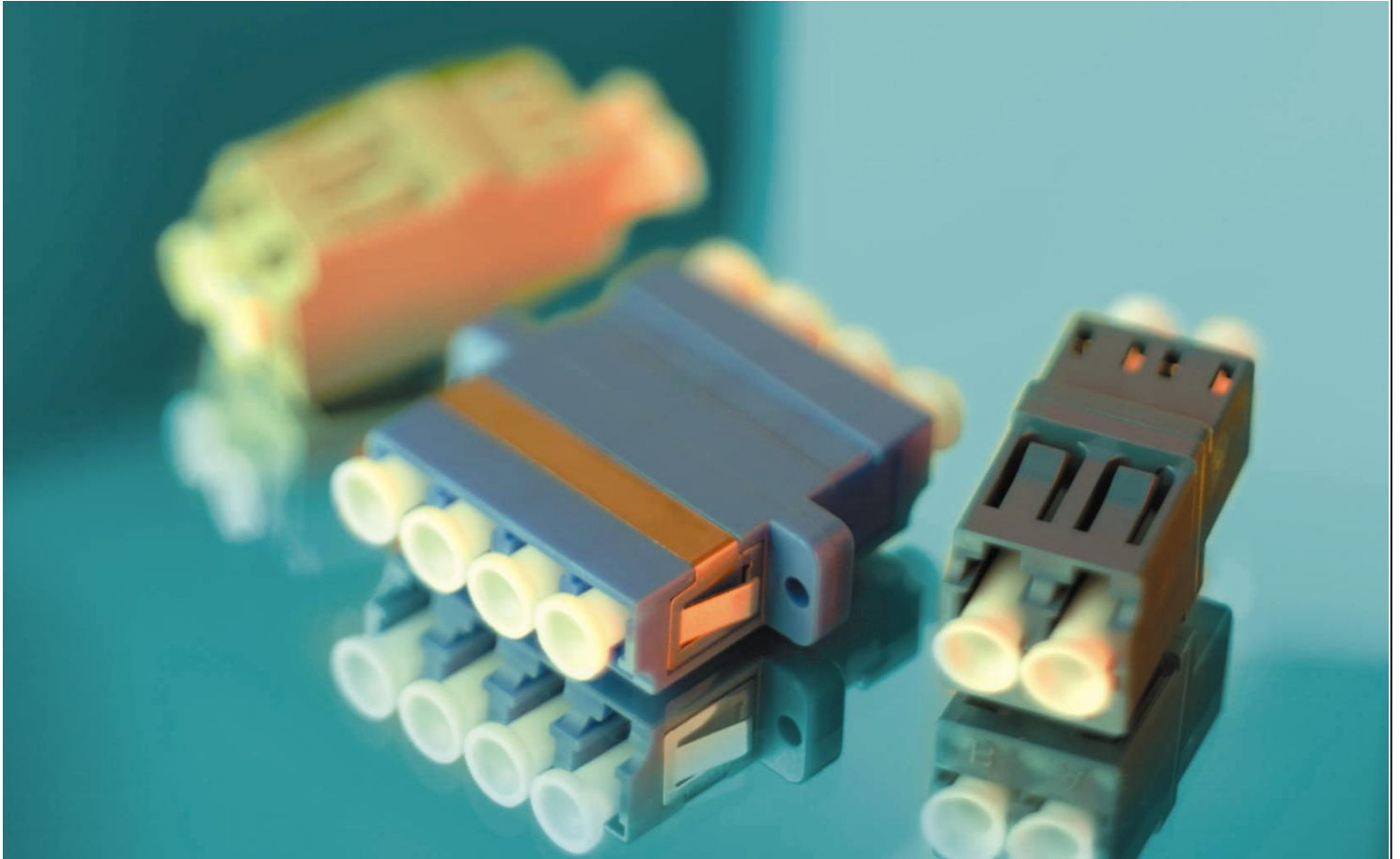
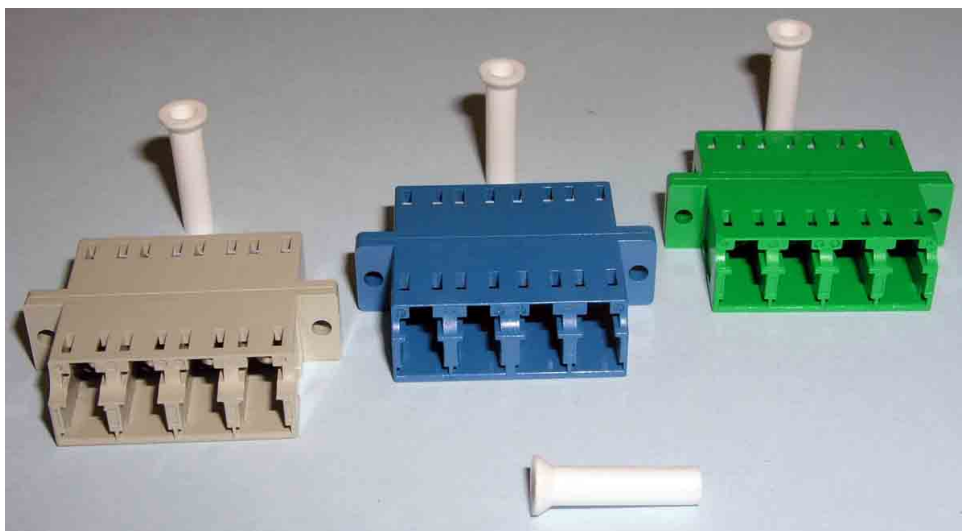


# LC Quad Adapter



## 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 adapter LC Quad SC Duplex Footprint for SM and MM applications.

## MODELS AVAILABLE

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

- Blue Ral 5015.
- Light Green Ral 6023.
- Beige Ral 1013.

The straight alignment sleeves are available as:

- Zirconia (for SM applications).
- High Quality PB Sleeve (for SM applications).
- Standard PB Sleeve (for MM applications).

## OPTICAL CHARACTERISTICS

### Typical Insertion Loss [dB]

Adapter Type	SM at 1310 nm		MM at 850 nm
	Zirconia Sleeve	High Quality PB Sleeve	Standard PB Sleeve
LC Qd PC	0.10	0.12	0.15
LC Qd APC	0.10	-	-



## 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

- Tensile strength of welding > 100 N
- 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
Dust cap	PP UL94V-0
Sleeve	Zirconia or Phosphor Bronze

## 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

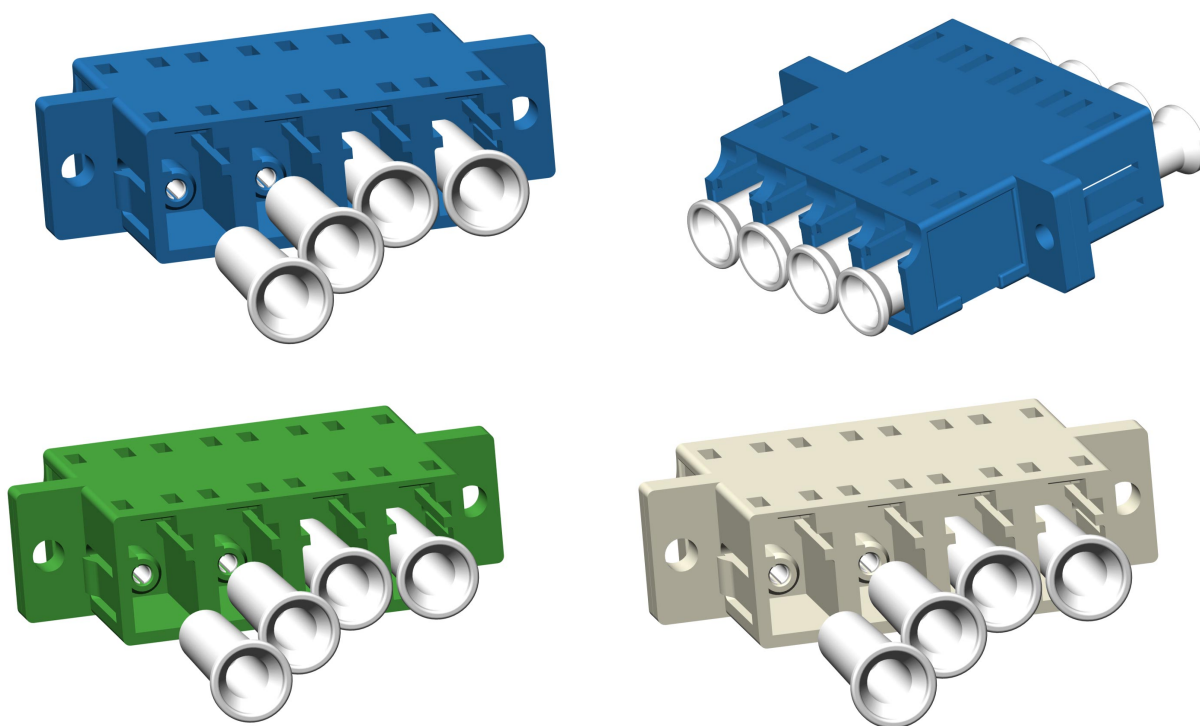
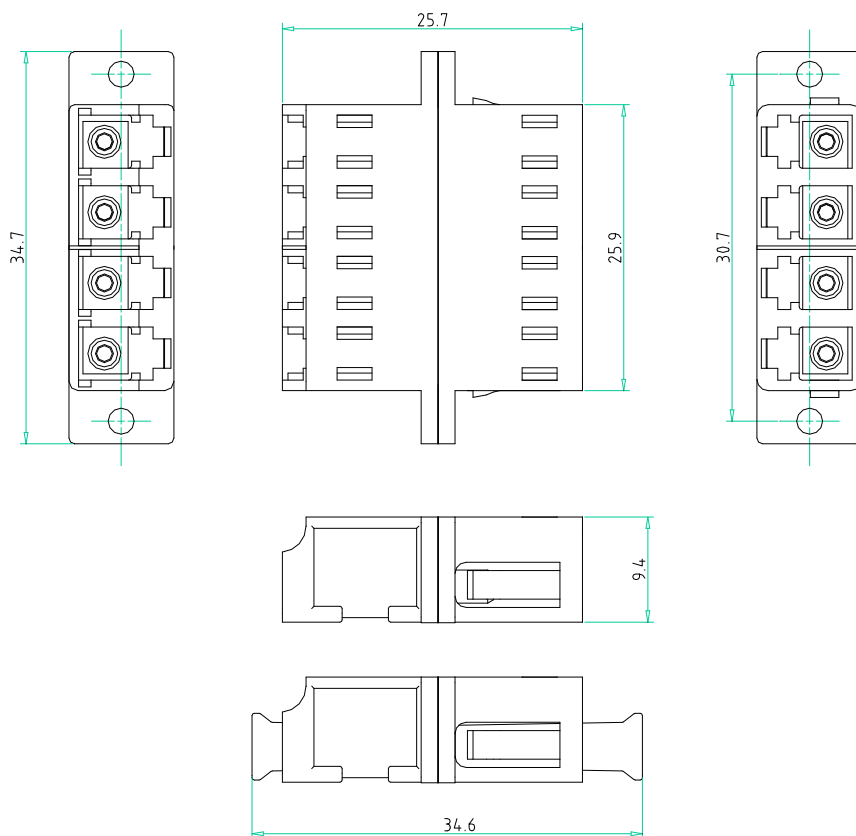
## P A C K A G I N G

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

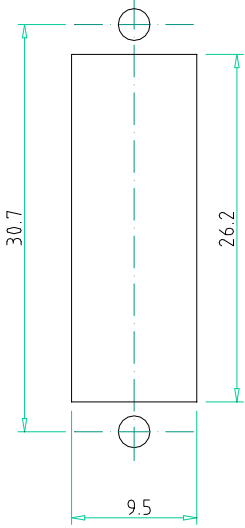
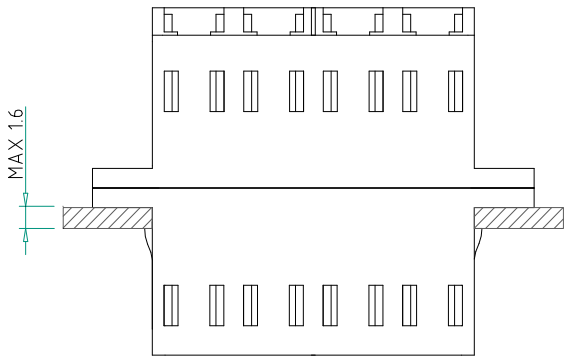
other company markings. Single packaging solutions or different numerations are available on request.

## TECHNICAL DRAWINGS

### LC Quad Adapter SC Duplex Footprint



# R E C O M M E N D E D P A N E L D I M E N S I O N S

Model	Panel Hole	Panel Thickness
LC Quad SC Duplex Footprint		

E N D O F S P E C I F I C A T I O N

