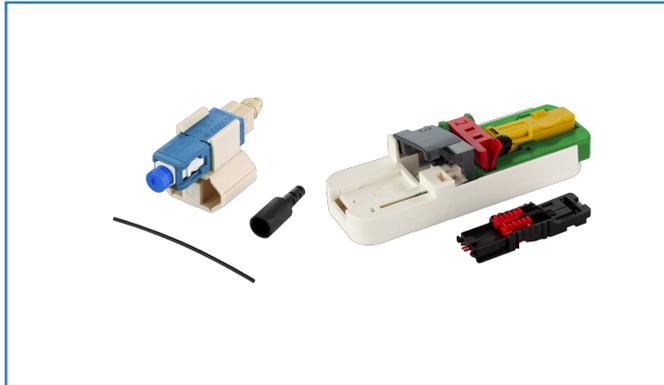


## Data sheet

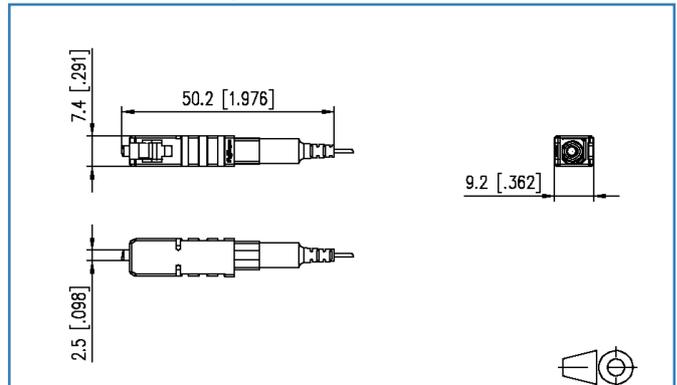
**OpDAT FAST™ Hybrid connector kit SC UPC OS2**  
**20 pieces for buffered fibers Ø 0.25 + 0.9 mm**  
**incl. cleaver set and fiber guide**

P/N  
**1509QAE002C-E**  
**EAN 4251394625294**  
 2019/09/07  
 Version: B

### Illustrations



Dimensional drawing



See enlarged drawings at the end of document

### Product specification

- Field-attachable fiber optic connector for single-mode technology
- with hybrid technology: refractive index gel plus opto-elastomer guarantee very good and constant optical values
- no polishing, no gluing during assembly on site
- simple, easy to learn, fast and cost-effective installation in less than two minutes
- Available with connector types LC and SC for singlemode (UPC and APC)
- plug kits for FO fibers with Ø 0.25 and Ø 0.9 mm
- plug kits for fibre optic cables with Ø 2.0 and Ø 3.0 mm
- the plug can be assembled up to three times
- every plug has a serial number, so that traceability is possible at any time
- Included in the scope of delivery depending on the variant:
  - a maintenance-free separator (Cleaver). It provides an oblique cut so that high return loss values are achieved. The Cleaver can be used up to 200 times.
  - a cable assembly kit for easy cable assembly
  - a fiber guide for easy insertion of the fiber into the connector
- fields of application:
  - for FTTH and FITH connections
  - repairs in the field
  - in areas which are difficult to access or limited in space



## Data sheet

Page 2/5

**OpDAT FAST™ Hybrid connector kit SC UPC OS2  
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incl. cleaver set and fiber guide**P/N  
1509QAE0002C-E  
EAN 4251394625294  
2019/09/07  
Version: B**Product specification**

- for direct mounting on components
- Versions for fibers: 10 pieces without tools / 20 or 100 pieces with Cleaver and fibre guide
- Variants for cables: 10 pieces without tools / 20 or 100 pieces with Cleaver, cable assembly set and fibre guide



Data sheet

## OpDAT FAST™ Hybrid connector kit SC UPC OS2 20 pieces for buffered fibers Ø 0.25 + 0.9 mm incl. cleaver set and fiber guide

P/N  
1509QAE0002C-E  
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2019/09/07  
Version: B

### Technical Data

#### General Data

Fields of application	Structured building cabling, Consolidation points Office Fiber to the Desk, Data center
Design	plug, field assembly
Transmission technology	Fiber optic
Color	blue
Dimensions	
Dimension (L x W x H)	50 mm x 8.99 mm x 7.39 mm
Dimension (L x W x H)	1.968 in. x 0.353 in. x 0.29 in.
Mode type of the fiber	Single mode
Shape	UPC (Ultra Physical Contact)

#### Connections/interfaces

Connector technology interface 1	mechanical splice, fibre cut diagonally
Connector technology interface 2	SC
Single fibre diameter (min. - max.)	
Single fibre diameter	0.9 mm mm
Cable access/outlet	180°

#### Electrical characteristics

Insertion loss	0.2 bis 0.5 dB dB
Return loss	min. 50 dB dB

#### Mechanical characteristics

Connector type	simplex
Mounting method	snap-in function

#### Materials and material properties

Material - Housing	Plastics
Material - Cable boot	elastomer, flame-retardant and halogen free
Material - Ferrule	Ceramic
Material - Dust protection	elastomer, flame-retardant and halogen free
RoHS	compliant

Data sheet

Page 4/5

**OpDAT FAST™ Hybrid connector kit SC UPC OS2**  
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## Technical Data

### Environmental conditions

Temperature (min. - max.)

Temperature - Storage °C	-25 °C - 70 °C
Temperature - Storage °F	-13 °F - 158 °F
Temperature - Operating °C	-25 °C - 70 °C
Temperature - Operating °F	-13 °F - 158 °F

### The product meets the following standards

Fibre optic connector interfaces	IEC 61754-4 / ANSI/TIA-604-3
Fibre optic connector interfaces	IEC 61754-4

### Classifications

ETIM 7.0	EC001122
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### Packing details

20 pc(s)



Data sheet

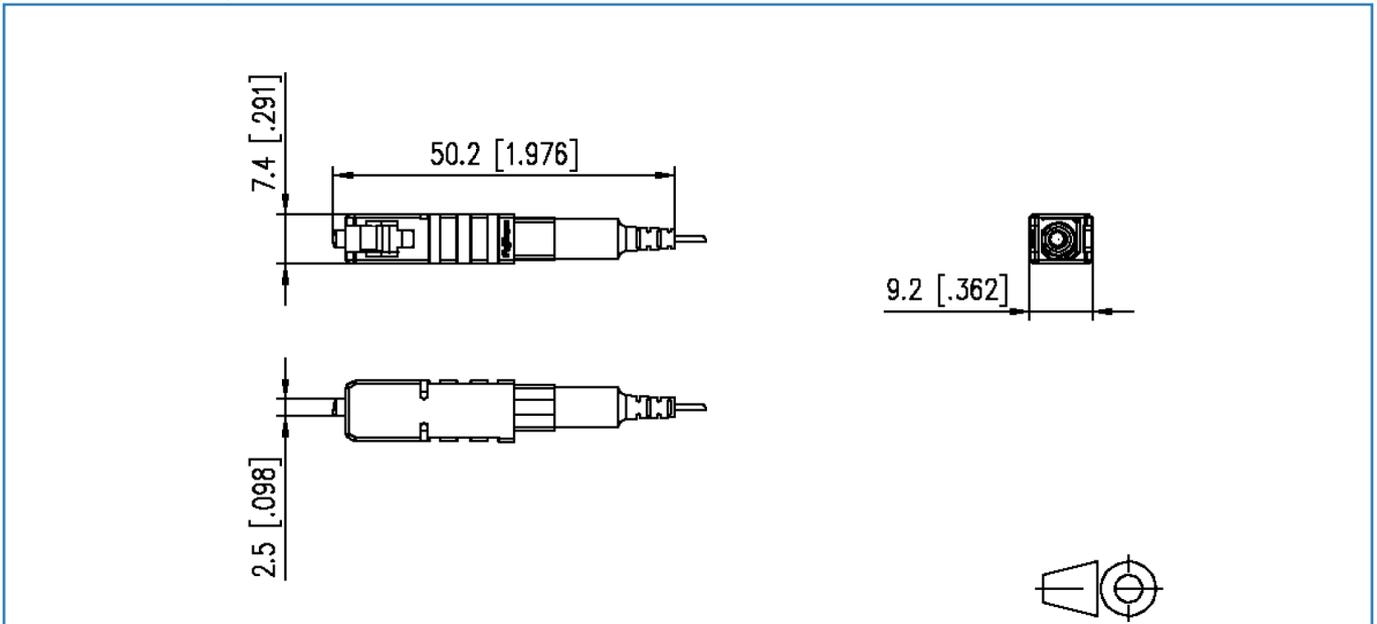
Page 5/5

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**Illustrations**

Dimensional drawing



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