

## Data sheet

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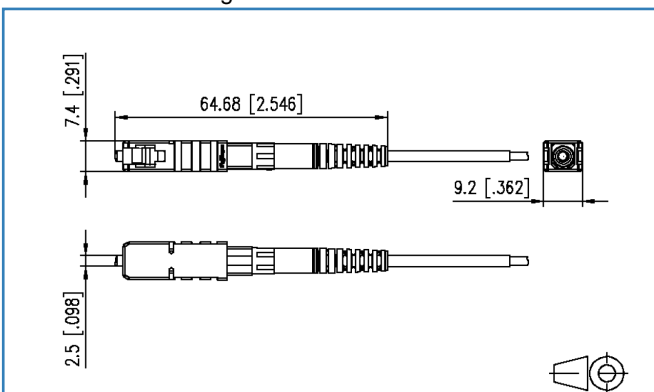
**OpDAT FAST™ Hybrid connector kit SC APC OS2**  
**20 pieces for cables Ø 2.0 + 3.0 mm incl. cleaver set,**  
**fiber guide and cable assembly set**

P/N  
**1509QKEA002C-E**  
**EAN 4251394625355**  
 2019/09/07  
 Version: A

## 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



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## OpDAT FAST™ Hybrid connector kit SC APC OS2 20 pieces for cables Ø 2.0 + 3.0 mm incl. cleaver set, fiber guide and cable assembly set

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### 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



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## OpDAT FAST™ Hybrid connector kit SC APC OS2 20 pieces for cables Ø 2.0 + 3.0 mm incl. cleaver set, fiber guide and cable assembly set

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### Technical Data

#### General Data

Fields of application	Structured building cabling, Consolidation points Office Fiber to the Desk, Data center plug, field assembly
Design	Fiber optic
Transmission technology	green
Color	
Dimensions	
Dimension (L x W x H)	65 mm x 8.99 mm x 7.39 mm
Dimension (L x W x H)	2.559 in. x 0.353 in. x 0.29 in.
Mode type of the fiber	Single mode
Shape	APC (Angled 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	3 mm mm
Cable access/outlet	180°

#### Electrical characteristics

Insertion loss	0.2 bis 0.5 dB dB
Return loss	min. 60 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



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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

#### Packing details

20 pc(s)



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