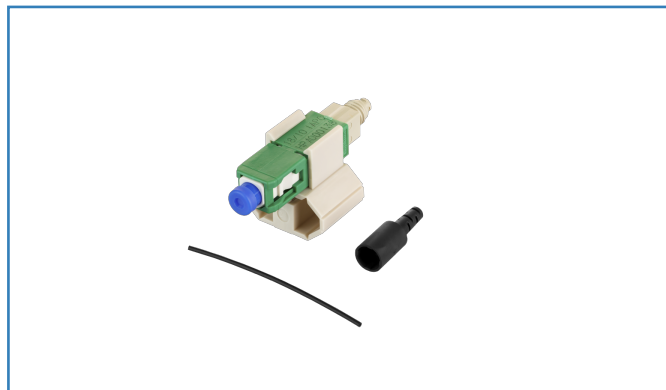


Data sheet

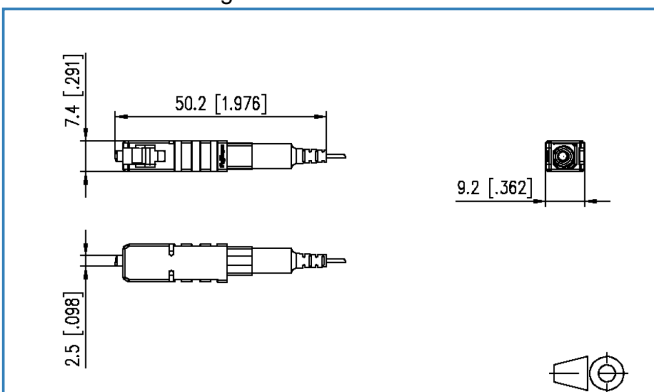
OpDAT FAST™ Hybrid connector kit SC APC OS2 10 pieces for buffered fibers Ø 0.25 + 0.9 mm

P/N
1509QAEA0010-E
EAN 4251394625461
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

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**OpDAT FAST™ Hybrid connector kit SC APC OS2
10 pieces for buffered fibers Ø 0.25 + 0.9 mm**

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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



Data sheet

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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

green

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

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

0.9 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



Data sheet

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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

10 pc(s)



Data sheet

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Illustrations

Dimensional drawing

