

Data sheet

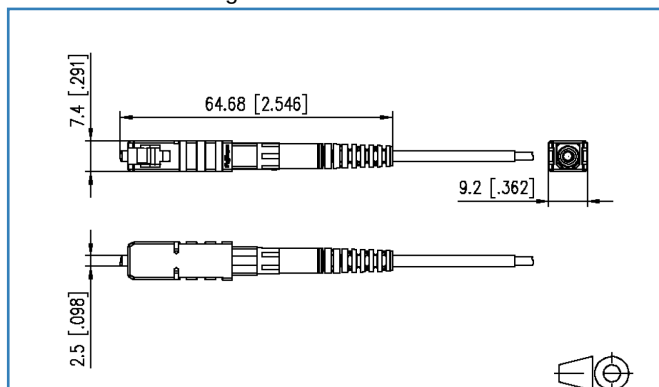
OpDAT FAST™ connector kit SC PC OM3/OM4
20 pieces for cables Ø 2.0 + 3.0 mm incl. cleaver set,
fiber guide and cable assembly set

P/N
1509MKE0002C-F
EAN 4251394629711
 2019/09/07

Illustrations



Dimensional drawing



See enlarged drawings at the end of document

Product specification

- Field-attachable fiber optic connector for multimode technology
- 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 multimode (suitable for OM3 and OM4). OM2 versions on request.
- 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). 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:
 - repairs in the field
 - in areas which are difficult to access or limited in space
- 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



P | Cabling

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OpDAT FAST™ connector kit SC PC OM3/OM4 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

Design

plug, field assembly

Transmission technology

Fiber optic

Color

aqua

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

Multimode

Connections/interfaces

Connector technology interface 1

mechanical splice, fibre cut straight

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 0.4 dB dB

Return loss

min. 35 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
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