

Data sheet

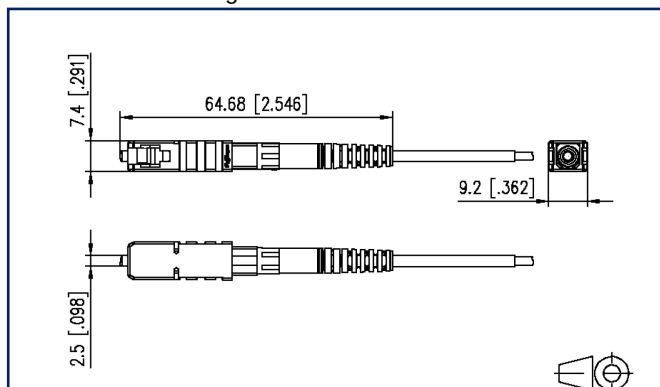
OpDAT FAST™ Hybrid connector kit SC PC OM3/OM4 20 pieces for cables incl. tool

P/N
1509MKEO002C-E
EAN 4251394676524
2025/07/09
Version: E

Illustrations



Dimensional drawing



See enlarged drawings at the end of document

Product specification

- Field-attachable fiber optic connector for multimode technology
- With hybrid technology: refractive index gel plus Opto-Elast 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.
- Lug 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 cutting device (cleaver), designed for a diagonal cut. 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 and in areas which are difficult to access or limited in space and for direct mounting to 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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Technical Data

General Data

Fields of application	structured building cabling Consolidation points office areas fiber to the desk Distributed building services data center
Design	plug, field assembly
Transmission technology	Fiber optic
Color	aqua
Dimensions	
Dimension (L x W x H)	50 mm x 8.99 mm x 7.39 mm
Dimension (L x W x H)	1.969 in. x 0.354 in. x 0.291 in.
Mode type of the fiber	Multimode
Shape	PC (Physical Contact)

Connections/interfaces

Single fibre diameter (min. - max.)	
Single fibre diameter	3 mm
Cable access/outlet	180°
Connector interfaces	SC

Electrical characteristics

Insertion loss	0,2 bis 0,4 dB
Return loss	min. 35 dB

Mechanical data

Connector type	simplex
Mounting method	snap-in function
Life - Number of mating cycles	min. 500

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
Halogen free	yes



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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

Standards/Regulations

FO connector interfaces IEC 61754-4 / ANSI/TIA-604-3

Fibre optic connector interfaces SC - IEC 61754-4

Classifications

ETIM 8.0 EC001122

ETIM 9.0 EC001122

ETIM 10.0 EC001122

Packing details

Type of packaging 20 pc(s) / box

Application note

This product is a standard product of METZ CONNECT. METZ CONNECT is not aware of the specific intended use of the goods by the Customer or any customers of the Customer. The Customer guarantees that it has fully and sufficiently tested the use of the goods and any product modifications, product changes or product enhancements with regard to the specific intended use in accordance with the state of the art or in any other way. At METZ CONNECT's request, the Customer shall submit and make available meaningful evidence (e.g. test and laboratory protocols, certifications, etc.).



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Accessories

P/N	Designation
150800200-E	Fibre optic tool Bag



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