

# Data sheet

## OpDAT adapter SC-Simplex APC OS2 with shutter

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P/N

1509001H-I

EAN 4251394603094

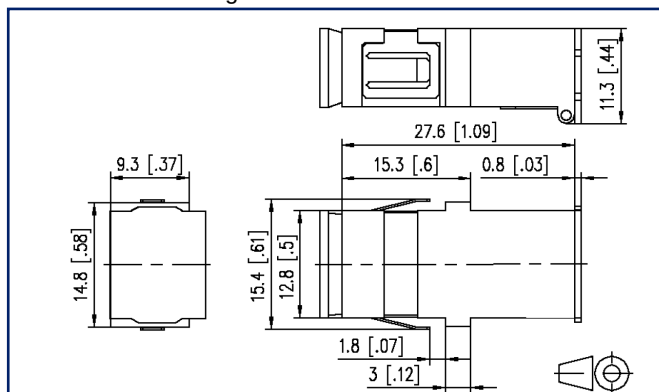
2026/08/24

Version: J

### Illustrations



Dimensional drawing



See enlarged drawings at the end of document

### Product specification

- SC simplex plastic adapter with metal clip
- slotted ceramic guide sleeve for single mode applications
- with a laser protection shutter and dust protection cap
- high material stability, surface quality and durability
- durability min. 1000 mating cycles with a ceramic guide sleeve
- variants: blue (SM) or green (SM APC)



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## Technical Data

### General Data

|                                               |                                                                 |
|-----------------------------------------------|-----------------------------------------------------------------|
| Fields of application                         | structured building cabling<br>fiber to the desk<br>data center |
| Mechanical measurement according to MICE      | M1                                                              |
| Ingress measurement according to MICE         | I1                                                              |
| Climatic measurement according to MICE        | C1                                                              |
| Electromagnetic measurement according to MICE | E3                                                              |
| Design                                        | coupler / adapter (FO)                                          |
| Color                                         | green                                                           |
| Dimensions                                    |                                                                 |
| Dimension (L x W x H)                         | 27.6 mm x 14.8 mm x 9.3 mm                                      |
| Dimension (L x W x H)                         | 1.087 in. x 0.583 in. x 0.366 in.                               |
| Mode type of the fiber                        | Singlemode                                                      |
| Shape                                         | APC (Angled Physical Contact)                                   |

### Connections/interfaces

|                      |    |
|----------------------|----|
| Connector interfaces | SC |
|----------------------|----|

### Mechanical data

|                                |                 |
|--------------------------------|-----------------|
| Cut-out                        | SC, LC-D, E2000 |
| Connector type                 | simplex         |
| Life - Number of mating cycles | min. 1000       |

### Materials and material properties

|                    |                  |
|--------------------|------------------|
| Material - Housing | Plastics         |
| Material - Sleeve  | ceramic, slotted |
| Halogen free       | yes              |
| RoHS               | compliant        |

### Environmental conditions

|                            |                 |
|----------------------------|-----------------|
| Temperature (min. - max.)  |                 |
| Temperature - Storage °C   | -40 °C - 80 °C  |
| Temperature - Storage °F   | -40 °F - 176 °F |
| Temperature - Operating °C | -40 °C - 80 °C  |



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### Environmental conditions

Temperature (min. - max.)

Temperature - Operating °F -40 °F - 176 °F

### Standards/Regulations

Fibre optic connector interfaces SC - IEC 61754-4

### Classifications

ETIM 7.0 EC000752

ETIM 8.0 EC000752

ETIM 9.0 EC000752

ETIM 10.0 EC000752

### Packing details

Type of packaging 1 pc(s) / plastic bag

### 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.



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### Accessories from

| P/N          | Designation                                                                                        |
|--------------|----------------------------------------------------------------------------------------------------|
| 14040000-E   | MCO IP69k protective housing for outdoor use, set for exposed installation                         |
| 14040010-E   | MCO IP69k Protective housing for outdoor use, set with mounting bracket                            |
| 14040100-E   | MCO IP69k Protective housing for outdoor use, set wall/ housing bushing                            |
| 1501100000HS | OpDAT ADT for 4xSC/2xLC-D, unequipped                                                              |
| 1501101H02HS | OpDAT ADT VIK 2xSC APC (ceramic, green) with laser protection                                      |
| 1501191H02HS | OpDAT ADT splice 2xSC APC (ceramic, green) with laser protection, pigtails OS2 placed and stripped |



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