



## Optical fiber patch cord SC/APC, Single-mode (SM), LSFH and Dca Euroclass indoor

Single-mode (SM) optical-fiber patch cord Pre-terminated with SC/APC connectors for the connection of the elements of an optical network. The sheath being LSFH, it is recommended for indoor use.

It has an end with a short boot that facilitates installation in wall sockets, avoiding attenuation increases due to undesired bending. In addition, the short boot facilitates the sliding of the patch cord through the conduits, reduces the space required for connection and the bending radius is less demanding.

Supplied in individual packing.

|                     |               |
|---------------------|---------------|
| <b>Ref.</b>         | 232611        |
| <b>Logical ref.</b> | OSK10SCAPC    |
| <b>EAN13</b>        | 8424450222904 |

### Other features

|               |         |
|---------------|---------|
| <b>Colour</b> | Orange  |
| <b>Length</b> | 10.00 m |

### Packaging info

|            |        |
|------------|--------|
| <b>Bag</b> | 1 pcs. |
|------------|--------|

### Physical data

|                     |                      |
|---------------------|----------------------|
| <b>Net weight</b>   | 87.00 g              |
| <b>Gross volume</b> | 0.58 dm <sup>3</sup> |
| <b>Gross weight</b> | 92.00 g              |
| <b>Width</b>        | 3.00 mm              |
| <b>Height</b>       | 10,000.00 mm         |
| <b>Depth</b>        | 3.00 mm              |

**Main product  
weight**

87.00 g

## Highlights

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- Low attenuation levels and high reliability
- Short boot at one end: allows a smaller bending radius and better use of space in the connection area
- Dca-s2,d2,a1 Euroclass
- ITU-T G.657.A2 fiber type
- LSFH sheath, orange colour
- SC/APC connectors
- Available in different lengths

## Technical specifications : Ref. 232611

|                                      |       |  |                              |
|--------------------------------------|-------|--|------------------------------|
| Euroclass                            |       |  | Dca                          |
| Euroclass: Smoke Production          |       |  | s2                           |
| Euroclass: Flaming droplets          |       |  | d2                           |
| Euroclass: Acidity                   |       |  | a1                           |
| Fiber core type                      |       |  | Single-mode (ITU-T-G.657.A2) |
| Optical fiber type category          |       |  | OS1                          |
| Fiber core diameter                  | µm    |  | 9                            |
| Fiber cladding diameter              | µm    |  | 125                          |
| Coating buffer diameter              | µm    |  | 250                          |
| Cable structure                      |       |  | Tight buffer                 |
| Plastic buffer diameter              | in    |  | 0.033                        |
| Outer sheath Diameter                | in    |  | 0.118                        |
| Outer sheath Material                |       |  | LSFH                         |
| Blocking jelly                       |       |  | No                           |
| Attenuation 1310nm                   | dB/km |  | < 0,8                        |
| Attenuation 1490nm                   | dB/km |  | < 0,8                        |
| Attenuation 1550nm                   | dB/km |  | < 0,8                        |
| Insertion losses in connector 2      | dB    |  | < 0,5                        |
| Return losses in connector 2         | dB    |  | > 60                         |
| Optical connector type 1             |       |  | SC                           |
| Polishing type (Optical connector 1) |       |  | APC                          |
| Optical connector type 2             |       |  | SC                           |
| Polishing type (Optical connector 2) |       |  | APC                          |
| Cable length                         | m     |  | 10                           |
| Short tension                        | N     |  | 450                          |
| Long tension                         | N     |  | 200                          |
| Structure reinforcement element      |       |  | Aramid fibers                |
| Short crush (@100mm)                 | N     |  | 500                          |
| Long crush (@100mm)                  | N     |  | 100                          |
| Minimum bending radius               | in    |  | 0.591                        |
| Operating temperature                | °F    |  | -4 ... 158                   |