



## Optical fiber duplex 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. Furthermore, since they are duplex, they are suitable for use in point-to-point networks that use the same window for both upstream and downstream traffic. The sheath being LSFH, it is recommended for indoor use.

It has both ends 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>         | 232656        |
| <b>Logical ref.</b> | OK2SCAPC40    |
| <b>EAN13</b>        | 8424450221204 |

### Other features

|               |         |
|---------------|---------|
| <b>Colour</b> | Orange  |
| <b>Length</b> | 40.00 m |

### Physical data

|                     |                      |
|---------------------|----------------------|
| <b>Net weight</b>   | 533.00 g             |
| <b>Gross volume</b> | 3.10 dm <sup>3</sup> |
| <b>Gross weight</b> | 533.00 g             |
| <b>Width</b>        | 3.00 mm              |

## Packaging info

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

|               |              |
|---------------|--------------|
| <b>Height</b> | 40,000.00 mm |
|---------------|--------------|

|              |         |
|--------------|---------|
| <b>Depth</b> | 3.00 mm |
|--------------|---------|

|                            |          |
|----------------------------|----------|
| <b>Main product weight</b> | 533.00 g |
|----------------------------|----------|

## Highlights

- Low attenuation levels and high reliability
- Connectors mechanically outphased on one end to facilitate wiring
- Short boot at both ends: allows a smaller bending radius and better use of space in the connection area
- Includes identifiers for each of the fibers
- Dca-s2,d2,a1 Euroclass
- ITU-T G.657.A2 fiber type
- Duplex patch cord: two fiber cables
- LSFH sheath, orange colour
- SC/APC connectors
- Available in different lengths

## Technical specifications : Ref. 232656

|                                      |       |  |                              |
|--------------------------------------|-------|--|------------------------------|
| 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     |  | 40                           |
| Short tension                        | N     |  | 1000                         |
| Long tension                         | N     |  | 500                          |
| Structure reinforcement element      |       |  | Aramid fibers                |
| Short crush (@100mm)                 | N     |  | 1000                         |
| Long crush (@100mm)                  | N     |  | 300                          |
| Minimum bending radius               | in    |  | 0.591                        |
| Operating temperature                | °F    |  | -4 ... 158                   |