



## Installation Cable Fiber

### LinkIT fiber OS2 24 Core SC-SC 70m

24x fanout | 9/125 | LSZH | PTPS

Product number: LI-PRSCSCOS2-24C-070

## Product Description

This fiber cable is an OS2 Singlemode 9/125 type with 24 core fibers, and it comes in yellow color. It is preterminated with SC-UPC connectors on both ends (8 connectors on each end), each featuring a pull tube or pulling sock design. The cable has a fanout length of 0.5 meters with a diameter of 0.9 mm. It has low attenuation of 0.40 dB/km at 1310nm and 0.30 dB/km at 1550nm. Maximum load varies from N1200 to 500 depending on length, and it has a maximum bend radius of 20D dynamically and 10D statically. It is designed for temperatures ranging from -20°C to +70°C and weighs 67g per meter. The cable features a loose tube structure with G652D fiber and has a diameter of 6.2mm. It is halogen-free (LSZH) and suitable for both indoor and outdoor use.

## Main Specifications

|                            |              |
|----------------------------|--------------|
| <b>Brand</b>               | LinkIT       |
| <b>Color</b>               | Yellow       |
| <b>Length (m)</b>          | 70           |
| <b>Category</b>            | OS2 24 fiber |
| <b>Connector type 1</b>    | SC           |
| <b>Connector type 2</b>    | SC           |
| <b>Polishing contact 1</b> | UPC          |
| <b>Polishing contact 2</b> | UPC          |
| <b>Number of fibers</b>    | 24           |
| <b>Core Diameter (um)</b>  | 9/125        |

## Extended Specifications

|                                 |         |
|---------------------------------|---------|
| <b>Optical Return Loss (dB)</b> | ≥50     |
| <b>Insertion Loss (dB)</b>      | ≤0.25   |
| <b>Operating Temperature</b>    | -20~+70 |
| <b>Storage Temperature</b>      | -20~+70 |



|                            |   |
|----------------------------|---|
| <b>Cable Diameter (mm)</b> | 8.2   |
| <b>Fire properties</b>     | IEC-60332-3-24, IEC 60332-1-2, IEC 61034, IEC 60754-1 |
| <b>Halogenfree</b>         | ✓   |
| <b>EAN</b>                 | 7072262012506   |
| <b>Tensile loads (N)</b>   | N1200/5000  |
| <b>Fanout</b>              | 0,5m / Ø0,9mm   |
| <b>Certifications</b>      | CE, REACH, RoHS                                       |
| <b>Max bend radius (D)</b> | 20D / 10D   |

## Dimensional Sketches

