



## Installation Cable Fiber

### LinkIT Fiber OS2 12 Core SC-SC 45m

12x fanout | 9/125 | LSZH | PTPS

Product number: LI-PRSCSCOS2-12C-045

## Product Description

This is a yellow OS2 Singlemode 9/125 fiber cable with 12 core fibers. It features preterminated SC-UPC connectors on both ends (12 connectors on each end), with a pull tube on side A and a pulling sock on side B. The fanout length is 0.5 meters with a diameter of 0.9 mm. It has insertion loss greater than 0.25 dB and return loss greater than 50 dB. The cable can withstand tensile loads of up to 70N and operates at wavelengths of 1310/1550nm. It has a maximum bend radius of 20D (dynamic) and 10D (static). The temperature range it can operate in is from -20°C to +70°C. The outer diameter is 6.2mm, and it is LSZH (Low Smoke Zero Halogen) compliant. It also meets the standards IEC 60332-3-24, IEC 60332-1-2, IEC 61034, and IEC 60754-1.

## Main Specifications

<b>Brand</b>	LinkIT
<b>Color</b>	Yellow
<b>Length (m)</b>	45
<b>Category</b>	OS2 12 fiber
<b>Connector type 1</b>	12xSC
<b>Connector type 2</b>	12xSC
<b>Polishing contact 1</b>	UPC
<b>Polishing contact 2</b>	UPC
<b>Number of fibers</b>	12
<b>Core Diameter (um)</b>	9/125

## Extended Specifications

<b>Optical Return Loss (dB)</b>	>50dB
<b>Insertion Loss (dB)</b>	>0.25dB
<b>Operating Temperature</b>	-20°C~+70°C
<b>Storage Temperature</b>	-20°C~+70°C
<b>Cable Diameter (mm)</b>	6.2



<b>Fire properties</b>	IEC-60332-3-24, IEC 60332-1-2, IEC 61034, IEC 60754-1
<b>Halogenfree</b>	✓
<b>EAN</b>	7072262012704
<b>Tensile loads (N)</b>	70N
<b>Fanout</b>	0,5 meter / Ø0,9mm
<b>Certifications</b>	CE, REACH, RoHS
<b>Max bend radius (D)</b>	20D / 10D

## Dimensional Sketches

