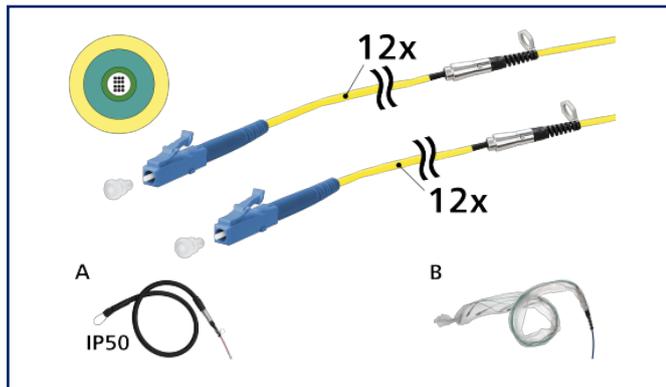


# Data sheet

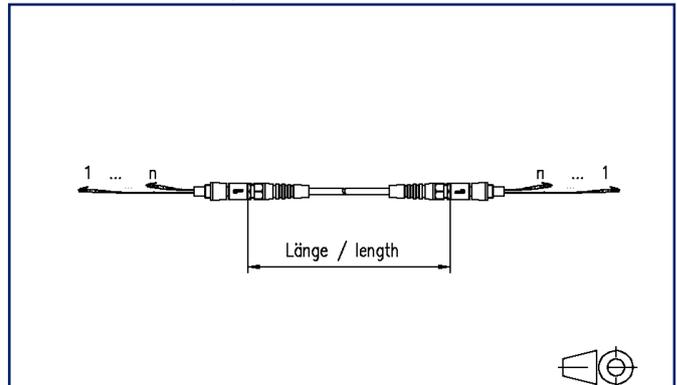
**OpDAT Prefab Universal cable 12xOS2, LC-LC, 100 m, one-sided pulling aid IP50, class C<sub>ca</sub>**

P/N  
15CU129JJ5100G  
EAN 4251394688336  
2025/07/24  
Version: A

## Illustrations



Dimensional drawing



See enlarged drawings at the end of document

## Product specification

- pre-assembled cable with universal cable for quick installation and laying of fibre optics
- fire protection class C<sub>ca</sub>
- assembled on both sides with LC plugs
- bend insensitive OS2 fibre
- stainless steel divider for quick mounting in distribution housings
- cascaded fanouts
- Side A: robust pull-in aid with IP50 protection class
- Side B: protected by a nubby foil
- Optional accessories: pulling aid with IP50 protection class

Data sheet

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**Technical Data**

**General Data**

Fields of application	structured building cabling office areas Distributed building services interior data center
Design	Fiber optic link
Transmission technology	Fiber optic
Port numbering	yes
Color	yellow
Dimensions	
Dimension (W x H)	25 mm x 25 mm
Dimension (W x H)	0.984 in. x 0.984 in.
Mode type of the fiber	Singlemode
Fiber class	OS2
Fiber standard	ITU-T G.657.A1
Cable Type	Universal cable
Number of cables/ buffered fibers	12
Shape	UPC (Ultra Physical Contact)
Fiber construction	9/125 µm
Cable length (m)	100 m
Cable length (ft)	328.08 ft
Installation tube diameter	1.161 in.
Installation tube diameter	29.5 mm

**Connections/interfaces**

Connector technology interface 1	LC
Connector technology interface 2	LC
Cable sheath diameter (min. - max.)	
Cable sheath diameter	7.5 mm
Cable sheath diameter	0.295 in.
Ferrule diameter	1.25 mm
Ferrule diameter	0.049 in.

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**Technical Data**

**Mechanical data**

Connector type	simplex
strain relief	Glass yarns

**Materials and material properties**

Halogen free	yes
Metal-free	yes

**Standards/Regulations**

Generic cabling systems	
General requirements	ISO/IEC 11801 cat. OS2   DIN EN 50173-1 : 2007 cat. OS2
Fibre optic connector interfaces	IEC 61754-20

**Classifications**

ETIM 7.0	EC002700
ETIM 8.0	EC002700
ETIM 9.0	EC002700
ETIM 10.0	EC002700

**Packing details**

Type of packaging	1 pc(s) / box
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**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. At METZ CONNECT's request, the Customer shall submit and make available meaningful evidence (e.g. test and laboratory protocols, certifications, etc.).

Data sheet

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## Accessories

P/N	Designation
152Z0050S-E	OpDAT Prefab pulling aid IP50 size S



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