

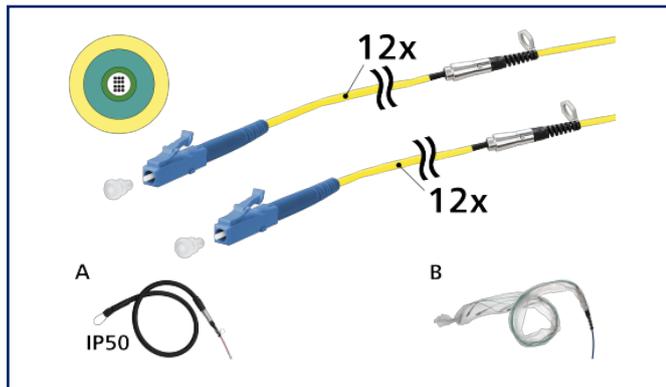
Data sheet

OpDAT Prefab Universal cable 12xOS2, LC-LC, 100 m,
one-sided pulling aid IP50, class E_{ca}

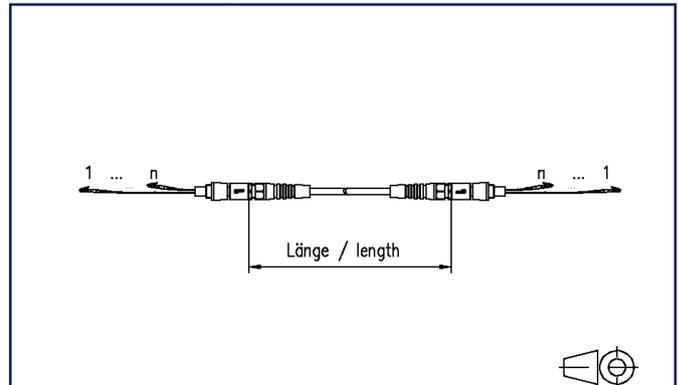
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P/N
152U129JJ5100G
EAN 4251394670492
2025/07/24
Version: D

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
- 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



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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
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	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
Ferrule diameter	1.25 mm

Mechanical data

Connector type	simplex
strain relief	Glass yarns

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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 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.).

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Accessories

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

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