

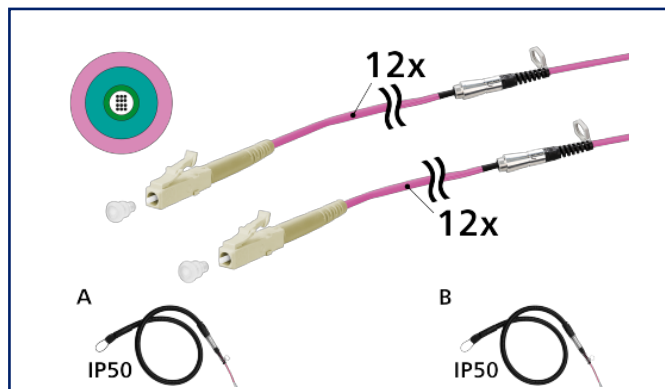
Data sheet

Page 1/4

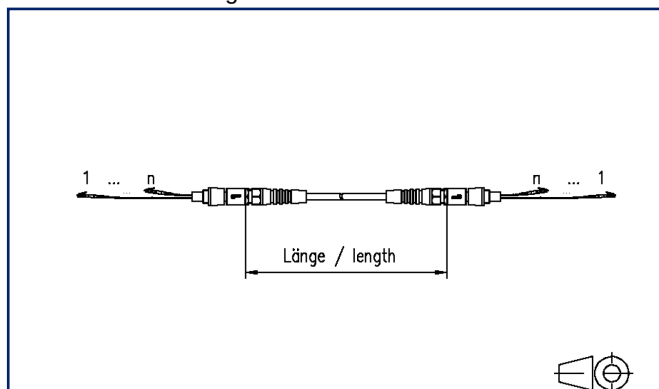
OpDAT Pre-assembled installation cable 12xOM4, LC-LC, 100.0 m, double-sided insertion aid

P/N
152U127JJ6100G
EAN 4251394622897
2025/08/14
Version: D

Illustrations



Dimensional drawing



See enlarged drawings at the end of document

Product specification

- Pre-assembled installation cables (Prefab) with universal cable and with LC simplex connectors assembled on both sides.
- Fiber optic loose tube cable U-DQ(ZN)BH, suitable for indoor and outdoor applications.
- UV-resistant, metal-free, rodent-proof, longitudinally watertight, strain-resistant and halogen-free flame-retardant.
- Cable sheath: Ø 7.3 mm, violet
- Bend-resistant multimode fibre, G50/125µm, OM4 (IEC 11801), IEC 60793-2-10 A1a.3, ITU-T G.651.1.
- number of fibres: 12
- Aluminium cable divider with screwable and snap-in fixing option, M20 locknut supplied
- Fanout of single cable with hollow core, I-V(ZN)H, colour violet, outer diameter 2.1 mm.
- Fanout protection: retractable, step-resistant, protection class IP50.
- Marked with serial number and barcode. Measurement protocol with all optical measurements enclosed.
- Delivery: up to 100 m as cable ring, from 101 m on drum.



Data sheet

Page 2/4

**OpDAT Pre-assembled installation cable 12xOM4,
LC-LC, 100.0 m, double-sided insertion aid**

P/N

152U127JJ6100G

EAN 4251394622897

2025/08/14

Version: D

Technical Data

General Data	
Design	installation cable
Transmission technology	Fiber optic
Color	violet
Dimensions	
Dimension (W x H)	25 mm x 25 mm
Dimension (W x H)	0.984 in. x 0.984 in.
Dimension - Interface 1 (L x W x H)	50.3 mm x 4.47 mm x 5.65 mm
Dimension - Interface 1 (L x W x H)	1.98 in. x 0.176 in. x 0.222 in.
Dimension - Interface 2 (L x W x H)	50.3 mm x 4.47 mm x 5.65 mm
Dimension - Interface 2 (L x W x H)	1.98 in. x 0.176 in. x 0.222 in.
Mode type of the fiber	Multimode
Fiber class	OM4
Cable Type	Universal cable
Number of fibres each cable/ wire	12
Fiber construction	50/125 µm
Cable length (m)	100 m
Cable length (ft)	328.8 ft
Weight	55 kg/km

Connections/interfaces	
Connector technology interface 1	LC
Connector technology interface 2	LC
Cable sheath diameter (min. - max.)	
Cable sheath diameter	7.5 mm

Optical characteristics	
Insertion loss	max. 0,4 dB
Return loss	min. 35 dB



Data sheet

Page 3/4

OpDAT Pre-assembled installation cable 12xOM4, LC-LC, 100.0 m, double-sided insertion aid

P/N
152U127JJ6100G
EAN 4251394622897
2025/08/14
Version: D

Technical Data

Mechanical data

Maximum installation load	73 mm
---------------------------	-------

Materials and material properties

Material - Housing	metal
Tensile strength	yes
Rodent protection	yes
Flame retardancy	yes
Halogen free	yes
Metal-free	yes
UV-resistance	yes
Longitudinal water tightness	yes

Standards/Regulations

Generic cabling systems	
General requirements	ISO/IEC 11801
ITU-T standard	G.651.1

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
-------------------	---------------

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

Page 4/4

**OpDAT Pre-assembled installation cable 12xOM4,
LC-LC, 100.0 m, double-sided insertion aid**

P/N

152U127JJ6100G

EAN 4251394622897

2025/08/14

Version: D

Illustrations

Dimensional drawing

