DIGITUS®

FIBER OPTIC
SOLUTIONS

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SIMPLE TO USE FUSION SPLICER HAND-HELD FOR FTTH

Target group:
- Entry device for the installer
- Additional equipment for the service technician
- Quick repairs in the industry

- Simple to use
- Using for Singlemode and Multimode Fiber
- For FTTH installations

PRODUKTINFORMATIONEN

Although designed for splicing multi-mode and single-mode fibers in FTTH applications, this splicer is also suitable for office or industrial applications. It is equipped with a colored display and is very easy to handle with only 3 buttons on the control panel. The integrated hand press with crimp splice protection ensures clean splicing and therefore best transmission rates. In addition, the splicer is a self-calibration type and therefore suitable for a wide variety of environments.
The splice set is supplied in a padded case with other tools. The low weight and practical carry case make this splicer the ideal companion for on the go.

PRODUCT NUMBER	
Fusion Splicer Hand-Held for FTTH	**S2T-10ES**

FEATURES

FOR FIBERS:	SM (ITU-T G.652), MM (ITU-T G.651)
CABLE:	9 / 50 / 62,5 / 125 µm, Sheath diameter 250 and 900 µm
SPLICE LOSS:	0,03dB (SM), 0,01dB (MM) (typical)
SPLICE TIME:	Approx. 7 s for standard SM fiber
SPLICE MODES:	Auto for SM and MM
SPLICE PROTECTION:	Crimping protection tool
MONITOR:	LCD 2,8"
BATTERY POWER:	Approx. 100 splices (typical)
POWER SUPPLY:	Li-Battery 6V, 125 mA, AC100-240 V

SEE HOW TO DO IT!

We show and explain you our products and their functionality!
Simply scan the QR code or visit our YouTube channel!

DIGITUS®
KEVLAR CLIPPER

PRODUCT NUMBER	
Kevlar Clipper	**DN-FO-KC**

DIGITUS®
FIBER OPTIC STRIPPER

PRODUCT NUMBER	
Fiber Optic Stripper	**DN-FO-FS1**

DIGITUS®
CABLE STRIPPER

PRODUCT NUMBER	
Cable Stripper	**DN-FO-FS4**

DIGITUS®
FTTH OTDR DN-OTDR 21

PRODUCT INFORMATION

This OTDR is made for applications like: FTTX PON-, CATV-, Access-, LAN-, Metro-, Lab and Factory network tests and live fiber troubleshooting.

FEATURES

- OTDR measurement for single and multimode
- Smart and rugged design
- IP65 protection level, outdoor enhanced
- 7- inch anti-reflection LCD screen

MAIN FUNCTION

- OTDR
- VFL (visual fault locator)
- PON Online Test
- PM (power meter)
- LS (laser source)

PRODUCT NUMBER

FTTH OTDR DN-OTDR 21	**DN-OTDR21**

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LAUNCH FIBER

PRODUCT INFORMATION

The Launch fiber was developed especially for the OTDR measurement. To accurately perform an OTDR measurement, you need a launch fiber. When manufacturing the fiber, special attention is paid to quality and practicality. To protect the supply fiber, the product comes in a sturdy plastic box.

PRODUCT NUMBER

Variant	Product number	
OS2 fiber	**DK-LF29xx-yyy**	
OM1 fiber	**DK-LF26xx-yyy**	
OM2 fiber	**DK-LF25xx-yyy**	
OM3 fiber	**DK-LF25xx-yyy/3**	
OM4 fiber	**DK-LF25xx-yyy-4**	
xx	Connector Type Side 1 → **xx** ← Connector Type Side 2	
	1 - Connector ST / **2** - Connector SC / **3** - Connector LC / **4** - Connector E2000®	
yyy	Meter: **100, 200, 300, 500, 1000**	

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FIBER OPTIC INSPECTION- AND CLEANING SET

Connector cleaner

Click-Connector cleaner LC and SC

Bottle for isopropanol

Cleaning wipes

Microskope

PRODUCT INFORMATION

This Cleaning Set is the perfect solution for cleaning connectors. The cleaning tools are also useable for cleaning the core before splicing. After the cleaning you can use the microscope to control the connector for damage or dirt.

USE OF THE MICROSCOPE

- Inspection of the connectors with a microscope

USE OF CLEANER

- Click cleaner for SC and LC
- Cleaner for connectors
- Paper and bottle for cleaning before splicing

PRODUCT OVERVIEW

- Microscope for connector cleaning
- Click cleaner for LC coupler, 1.25 mm ferrule
- Click cleaner for SC coupler, 2.50 mm ferrule
- Connector cleaner
- 50× cleaning cloths
- Bottle for isopropanol
- Analog microscope
- Aluminium case

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FIBER OPTIC VIDEO INSPECTION MICROSCOPE

Click-Connector cleaner

Connector cleaner

Microscope

PRODUCT INFORMATION

High attenuation values in fiber optic connections are usually caused by contaminated connector surfaces. The fiber microscope shows in 4x magnification whether the cleaning of your connector surfaces was successful and whether any scratches necessitate a cable replacement. This device features easy handling and storage options for videos or images.

3,5" DISPLAY

Video Inspection Microscope, with 3,5" TFT and 8 GB SD Card for LC, SC, ST and FC connectors.

TECHNICAL PROPERTIES

DISPLAY:	3,5" TFT
DIMENSION:	170 × 100 × 40 mm
WEIGHT:	200 g
LIFE OF BATTERY:	Up to 3 hours
STORAGE:	SD Card 8 GB
OPERATING TEMP. RANGE:	-20 °C to 50 °C
ZOOM:	4 × digital

PRODUCT NUMBER	
Fiber Optic Inspection- and Cleaning Set	**DN-FO-KIT-2**

PRODUCT NUMBER	
Fiber Optic Video Inspection Microscope	**S2T-8500H**

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SPLICE BOX, EQUIPPED WITH LC DUPLEX COUPLERS

DIGITUS®
SPLICE BOX, EQUIPPED WITH SC DUPLEX COUPLERS
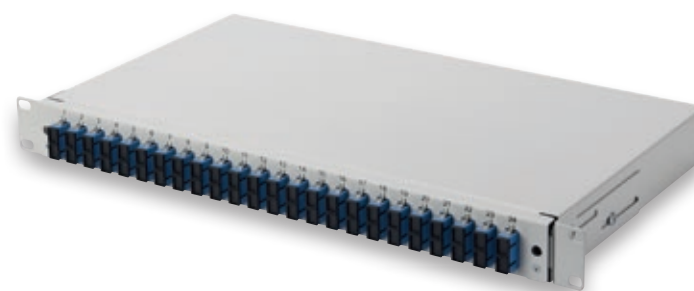
PRODUCT INFORMATION

Cable strap and PG screw connection, 4 possible entries with PG screw connection, Measurements (H×W×D): 44.45 (1U)×483 (19")×280 mm

HOUSING:

Full metal varnished light grey (RAL 7035), numbers as screen printing

FRONT PLATE:

483 mm (19") with mounted LC Duplex couplers (plastic housing)

LAYOUT:

Up to 48 fibers / 4× splice cassettes

SCOPE OF DELIVERY AND PACKAGING

Splice Box with lid and LC Duplex couplers,
1 PG 13.5 screw connection, packed in a box

PRODUCT INFORMATION

Cable strap and PG screw connection, 4 possible entries with PG screw connection, Measurements (H×W×D): 44,45 (1U)×483 (19")×280 mm

HOUSING:

Full metal varnished light grey (RAL 7035), numbers as screen printing

FRONT PLATE:

483 mm (19") with mounted SC Duplex couplers (plastic housing)

LAYOUT:

Up to 48 fibers / 4× splice cassettes

SCOPE OF DELIVERY AND PACKAGING

Splice Box with lid and SC Duplex couplers,
1 PG 13.5 screw connection, packed in a box

SPLICE BOX, EQUIPPED WITH LC/DX COUPLERS AND PIGTAIL SETS			
	6 LC Couplers	12 LC Couplers	24 LC Couplers
OM3	DN-96330/3	DN-96331/3	DN-96332/3
OM4	DN-96330-4	DN-96331-4	DN-96332-4
OS2	DN-96330/9	DN-96331/9	DN-96332/9

SPLICE BOX WITH SC/DX COUPLERS AND PIGTAIL SETS			
	6 SC Couplers	12 SC Couplers	24 SC Couplers
OM3	DN-96320/3	DN-96321/3	DN-96322/3
OM4	DN-96320-4	DN-96321-4	DN-96322-4
OS2	DN-96320/9	DN-96321/9	DN-96322/9

SPLICE BOX, PARTIALLY EQUIPPED WITH LC/DX COUPLERS			
	6 LC Couplers	12 LC Couplers	24 LC Couplers
OM3	DN-96430/3	DN-96431/3	DN-96432/3
OM4	DN-96430-4	DN-96431-4	DN-96432-4
OS2	DN-96430/9	DN-96431/9	DN-96432/9

SPLICE BOX, PARTIALLY EQUIPPED WITH SC/DX COUPLERS			
	6 SC Couplers	12 SC Couplers	24 SC Couplers
OM3	DN-96420/3	DN-96421/3	DN-96422/3
OM4	DN-96420-4	DN-96421-4	DN-96422-4
OS2	DN-96420/9	DN-96421/9	DN-96422/9

Fiber optic patch cables in all variants and lengths in the current data network
Technology catalog, online or at your nearest dealer.

DIGITUS®
INSTALLATIONS KIT

FTTH outlet

Easy to roll out cable

Recyclable packaging
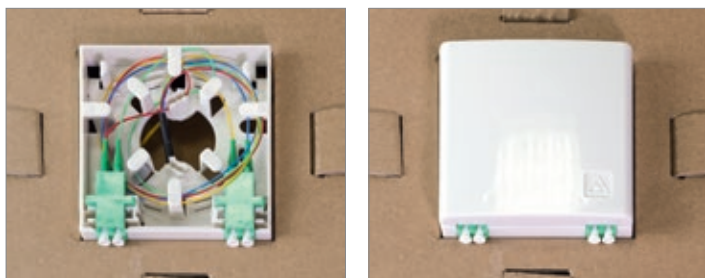
Different cable lengths
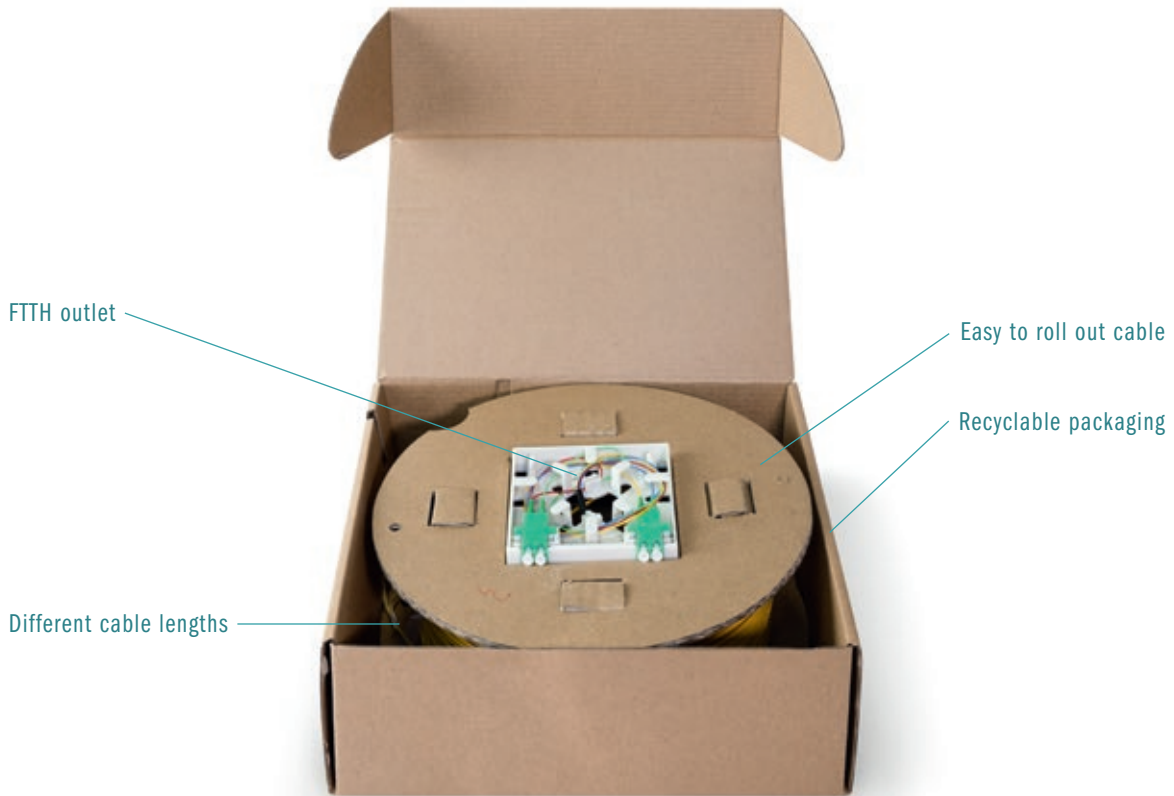
PRODUCT INFORMATION

This Fiber Optic Installations Kit is ideal for FTTH (Fiber to the home) installation in apartments. A pre-installed outlet with LC/APC couplers is in a packaging, which allows you to quickly pull the cable.

TECHNICAL PROPERTIES

OUTLET DIMENSION: 86×86 mm

PRODUCT NUMBER		
2 Fibers	Couplers	Length
DN-K931087-10	1 LC	10 m
DN-K931087-20	1 LC	20 m
DN-K931087-30	1 LC	30 m
DN-K931087-50	1 LC	50 m
4 Fibers	Couplers	Length
DN-K9310872-10	2 LC	10 m
DN-K9310872-20	2 LC	20 m
DN-K9310872-30	2 LC	30 m
DN-K9310872-50	2 LC	50 m

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