

## DIGITUS® Fiber Optic Slim Duplex Patch Cables, LC/LC



✓ High Density Patchcable LC to LC

✓ LSZH sheath

✓ Singlemode and Multimode available

✓ Available as OS2, OM3, OM4

Picture: OM4 - 50/125  $\mu$

### Abstract

DIGITUS® Fiber Optic Slim Duplex Patch Cables, LC/LC, Singlemode and Multimode, various lengths

### Features

- Duplex cable, 1.2mm Diameter
- LSZH
- Connector with ceramic ferrule
- LCA= 8° APC
- for high density solutions
- Single packed with test-report
- Connector 1: LC; Connector 2: LC
- Available as Singlemode or Multimode
- Fiber classes: OS2, 9/125  $\mu$ ; OM3 and OM4, 50/125  $\mu$

### Product Overview

DIGITUS® offers a wide range of high quality fiber optic patch cables. Practically every request and every requirement is covered by the broad range of cable types. The product range includes OM1, OM2, OM3 and OS2 versions. DIGITUS® fiber optic installation cables guarantee the best performance and fail-safety. All cables are single packed a polybag with test report.

### Applications

Telecommunications, Cable TV

LAN, WAN, MAN

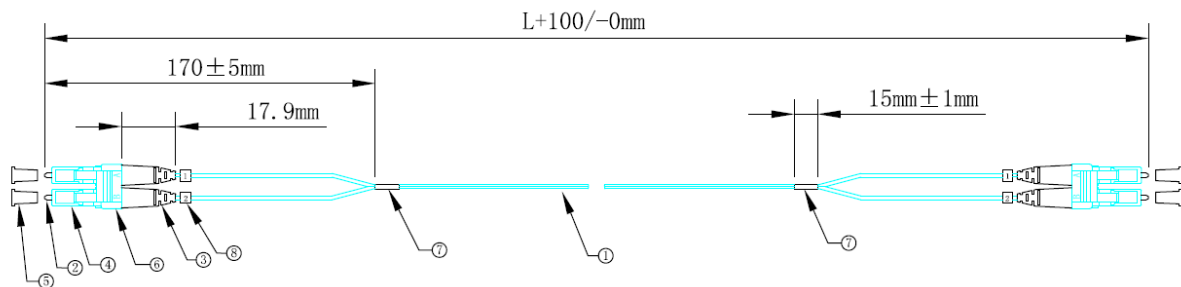
Measurement

Sensor technologies

Medical instrumentation and measurement techniques

Industrial applications

## Technical Drawings



## Product Construction

Nr.	Bezeichnung	Menge
1	Fiber Optic Patchcabel 1,2mm LSZH	1
2	LC/UPC MM or SM Ceramic Ferrule	4
3	LC 1.2 short white Boot	4
4	LC Duplex connector ( blue, aqua or erika violett)	4
5	LC dust cap	4
6	LC Clip color blue, aqua or erika violett	2
7	Black tube	2
8	Ring 1,2	4

### Technical Performance MM

Cable diameter	1.2 mm
Insertion loss	$\leq 0.30\text{ dB}$
Return loss	$\geq 25\text{ dB}$
Operating temperature	-40 °C up to +75 °C
Storage temperature	-40 °C up to +75 °C

### Technical Performance SM

Cable diameter	1.2 mm
Insertion loss	$\leq 0.30\text{ dB}$
Return loss	$\geq 50\text{ dB APC } \geq 60\text{ dB}$
Operating temperature	-40 °C up to +75 °C
Storage temperature	-40 °C up to +75 °C

## Product Images

### OM3 - 50/125 $\mu$



## Product Number Information

### Singlemode OS2 - 9/125 $\mu$

DK-HD2933-01	DIGITUS <sup>®</sup> Fiber Optic Patch cable, LC to LC, Singlemode 9/125 $\mu$ , Duplex, length 1 m
DK-HD2933-02	DIGITUS <sup>®</sup> Fiber Optic Patch cable, LC to LC, Singlemode 9/125 $\mu$ , Duplex, length 2 m
DK-HD2933-03	DIGITUS <sup>®</sup> Fiber Optic Patch cable, LC to LC, Singlemode 9/125 $\mu$ , Duplex, length 3 m
DK-HD2933-05	DIGITUS <sup>®</sup> Fiber Optic Patch cable, LC to LC, Singlemode 9/125 $\mu$ , Duplex, length 5 m
DK-HD2933-07	DIGITUS <sup>®</sup> Fiber Optic Patch cable, LC to LC, Singlemode 9/125 $\mu$ , Duplex, length 7 m
DK-HD2933-10	DIGITUS <sup>®</sup> Fiber Optic Patch cable, LC to LC, Singlemode 9/125 $\mu$ , Duplex, length 10 m

### Multimode OM3 – 50/125 $\mu$

DK-HD2533-01/3	DIGITUS <sup>®</sup> Fiber Optic Patch cable, LC to LC, Multimode 50/125 $\mu$ , Duplex, length 1 m
DK-HD2533-02/3	DIGITUS <sup>®</sup> Fiber Optic Patch cable, LC to LC, Multimode 50/125 $\mu$ , Duplex, length 2 m
DK-HD2533-03/3	DIGITUS <sup>®</sup> Fiber Optic Patch cable, LC to LC, Multimode 50/125 $\mu$ , Duplex, length 3 m
DK-HD2533-05/3	DIGITUS <sup>®</sup> Fiber Optic Patch cable, LC to LC, Multimode 50/125 $\mu$ , Duplex, length 5 m
DK-HD2533-07/3	DIGITUS <sup>®</sup> Fiber Optic Patch cable, LC to LC, Multimode 50/125 $\mu$ , Duplex, length 7 m
DK-HD2533-10/3	DIGITUS <sup>®</sup> Fiber Optic Patch cable, LC to LC, Multimode 50/125 $\mu$ , Duplex, length 10 m

### Multimode OM4 – 50/125 $\mu$

DK-HD2533-01-4	DIGITUS <sup>®</sup> Fiber Optic Patch cable, LC to LC, Multimode 50/125 $\mu$ , Duplex, length 1 m
DK-HD2533-02-4	DIGITUS <sup>®</sup> Fiber Optic Patch cable, LC to LC, Multimode 50/125 $\mu$ , Duplex, length 2 m
DK-HD2533-03-4	DIGITUS <sup>®</sup> Fiber Optic Patch cable, LC to LC, Multimode 50/125 $\mu$ , Duplex, length 3 m
DK-HD2533-05-4	DIGITUS <sup>®</sup> Fiber Optic Patch cable, LC to LC, Multimode 50/125 $\mu$ , Duplex, length 5 m
DK-HD2533-07-4	DIGITUS <sup>®</sup> Fiber Optic Patch cable, LC to LC, Multimode 50/125 $\mu$ , Duplex, length 7 m
DK-HD2533-10-4	DIGITUS <sup>®</sup> Fiber Optic Patch cable, LC to LC, Multimode 50/125 $\mu$ , Duplex, length 10 m

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