



PANG - KEL

Optical Fibre Cable

Optical Fibre Cable

**KELINE**

# Pigtails

**Note** halogen-free secondary EASYSTRIP protection of 900 µm

OS2  
singlemode



## Pigtail SC/APC

OS2 P/N: PIG09-SCA-020

OS2 singlemode 9/125 µm  
(ITU-T G.652.D)

Connector SC/APC	singlemode OS2
Polishing	APC
Return loss	≥ 65 dB
Insertion loss	0,15 dB (typical)
Length	2 m
Ferrule material	ceramic (zirconia)
Ferrule diameter	2,5 mm

OS2  
singlemode



## Pigtail LC/APC

OS2 P/N: PIG09-LCA-020

OS2 singlemode 9/125 µm  
(ITU-T G.652.D)

Connector LC/APC	singlemode OS2
Polishing	APC
Return loss	≥ 65 dB
Insertion loss	0,15 dB (typical)
Length	2 m
Ferrule material	ceramic (zirconia)
Ferrule diameter	1,25 mm

OS2  
singlemode



## Pigtail LSH/APC

OS2 P/N: PIG09-LSHAPC-020

OS2 singlemode 9/125 µm  
(ITU-T G.652.D)

Connector LSH/APC	singlemode OS2
Polishing	APC
Return loss	≥ 65 dB
Insertion loss	0,15 dB (typical)
Length	2 m
Ferrule material	ceramic (zirconia)
Ferrule diameter	2,5 mm

OM1 multimode OM2 multimode OM3 multimode OS2 singlemode

## Pigtail ST

OM1 P/N: PIG06-ST-020

OM1 multimode 62,5/125  $\mu\text{m}$

OM3 P/N: PIGOM3-ST-020

OM3 multimode 50/125  $\mu\text{m}$

OM2 P/N: PIG05-ST-020

OM2 multimode 50/125  $\mu\text{m}$

OS2 P/N: PIG09-ST-020

OS2 singlemode 9/125  $\mu\text{m}$   
(ITU-T G.652.D)



Connector ST	multimode OM1, OM2, OM3	singlemode OS2
Polishing	PC	PC
Return loss	$\geq 20$ dB	$\geq 55$ dB
Insertion loss	$\leq 0,3$ dB	0,15 dB (typical)
Length	2 m	2 m
Ferrule material	ceramic (zirconia)	ceramic (zirconia)
Ferrule diameter	2,5 mm	2,5 mm

OM1 multimode OM2 multimode OM3 multimode OM4 multimode

OM5 multimode OS2 singlemode

## Pigtail SC

OM1 P/N: PIG06-SC-020

OM1 multimode 62,5/125  $\mu\text{m}$

OM3 P/N: PIGOM3-SC-020

OM3 multimode 50/125  $\mu\text{m}$

OM5 P/N: PIGOM5-SC-020

OM5 multimode 50/125  $\mu\text{m}$

OM2 P/N: PIG05-SC-020

OM2 multimode 50/125  $\mu\text{m}$

OM4 P/N: PIGOM4-SC-020

OM4 multimode 50/125  $\mu\text{m}$

OS2 P/N: PIG09-SC-020

OS2 singlemode 9/125  $\mu\text{m}$   
(ITU-T G.652.D)



Connector SC	multimode OM1, OM2, OM3, OM4, OM5	singlemode OS2
Polishing	PC	PC
Return loss	$\geq 20$ dB	$\geq 55$ dB
Insertion loss	$\leq 0,3$ dB	0,15 dB (typical)
Length	2 m	2 m
Ferrule material	ceramic (zirconia)	ceramic (zirconia)
Ferrule diameter	2,5 mm	2,5 mm

OM1 multimode OM2 multimode OM3 multimode OM4 multimode

OM5 multimode OS2 singlemode

## Pigtail LC

OM1 P/N: PIG06-LC-020

OM1 multimode 62,5/125  $\mu\text{m}$

OM3 P/N: PIGOM3-LC-020

OM3 multimode 50/125  $\mu\text{m}$

OM5 P/N: PIGOM5-LC-020

OM5 multimode 50/125  $\mu\text{m}$

OM2 P/N: PIG05-LC-020

OM2 multimode 50/125  $\mu\text{m}$

OM4 P/N: PIGOM4-LC-020

OM4 multimode 50/125  $\mu\text{m}$

OS2 P/N: PIG09-LC-020

OS2 singlemode 9/125  $\mu\text{m}$   
(ITU-T G.652.D)



Connector LC	multimode OM1, OM2, OM3, OM4, OM5	singlemode OS2
Polishing	PC	PC
Return loss	$\geq 20$ dB	$\geq 55$ dB
Insertion loss	$\leq 0,3$ dB	0,15 dB (typical)
Length	2 m	2 m
Ferrule material	ceramic (zirconia)	ceramic (zirconia)
Ferrule diameter	1,25 mm	1,25 mm



# Patch cords

xxx - patch cable's length in dm

**Note** standard lengths - 1 m, 2 m, 3 m, 5 m, 7 m, 10 m, 15 m, 20 m  
non-standard patch cord length must be specified in the order



## Patch cord Duplex ST-ST

**OM1** P/N: P06D-STST-xxx

OM1 multimode 62,5/125  $\mu$ m

**OM3** P/N: P0M3D-STST-xxx

OM3 multimode 50/125  $\mu$ m

**OS2** P/N: P09D-STST-xxx

OS2 singlemode 9/125  $\mu$ m  
(ITU-T G.652.D)

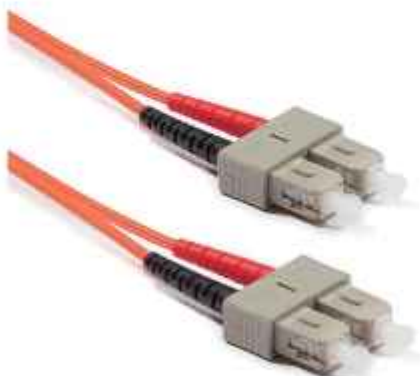
**OM2** P/N: P05D-STST-xxx

OM2 multimode 50/125  $\mu$ m

**OM4** P/N: P0M4D-STST-xxx

OM4 multimode 50/125  $\mu$ m

Connector ST	multimode OM1, OM2, OM3, OM4	singlemode OS2
Polishing	PC	PC
Return loss	$\geq 20$ dB	$\geq 55$ dB
Insertion loss	$\leq 0,3$ dB	0,15 dB (typical)
Ferrule material	ceramic (zirconia)	ceramic (zirconia)
Ferrule diameter	2,5 mm	2,5 mm
Insertion / extraction cycles	min. 1000	min. 1000



## Patch cord Duplex SC-SC

**OM1** P/N: P06D-SCSC-xxx

OM1 multimode 62,5/125  $\mu$ m

**OM3** P/N: P0M3D-SCSC-xxx

OM3 multimode 50/125  $\mu$ m

**OM5** P/N: P0M5D-SCSC-xxx

OM5 multimode 50/125  $\mu$ m

**OM2** P/N: P05D-SCSC-xxx

OM2 multimode 50/125  $\mu$ m

**OM4** P/N: P0M4D-SCSC-xxx

OM4 multimode 50/125  $\mu$ m

**OS2** P/N: P09D-SCSC-xxx

OS2 singlemode 9/125  $\mu$ m  
(ITU-T G.652.D)

Connector SC	multimode OM1, OM2, OM3, OM4, OM5	singlemode OS2
Polishing	PC	PC
Return loss	$\geq 20$ dB	$\geq 55$ dB
Insertion loss	$\leq 0,3$ dB	0,15 dB (typical)
Ferrule material	ceramic (zirconia)	ceramic (zirconia)
Ferrule diameter	2,5 mm	2,5 mm
Insertion / extraction cycles	min. 1000	min. 1000

LS0H	OM1 multimode	OM2 multimode	OM3 multimode
OM4 multimode	OS2 singlemode		



## Patch cord Duplex ST-SC

**OM1** P/N: P06D-STSC-xxx

OM1 multimode 62,5/125 µm

**OM2** P/N: P05D-STSC-xxx

OM2 multimode 50/125 µm

**OM3** P/N: POM3D-STSC-xxx

OM3 multimode 50/125 µm

**OM4** P/N: POM4D-STSC-xxx

OM4 multimode 50/125 µm

**OS2** P/N: P09D-STSC-xxx

OS2 singlemode 9/125 µm  
(ITU-T G.652.D)

Connector ST	multimode OM1, OM2, OM3, OM4	singlemode OS2
Polishing	PC	PC
Return loss	≥ 20 dB	≥ 55 dB
Insertion loss	≤ 0,3 dB	0,15 dB (typical)
Ferrule material	ceramic (zirconia)	ceramic (zirconia)
Ferrule diameter	2,5 mm	2,5 mm
Insertion / extraction cycles	min. 1000	min. 1000

Connector SC	multimode OM1, OM2, OM3, OM4	singlemode OS2
Polishing	PC	PC
Return loss	≥ 20 dB	≥ 55 dB
Insertion loss	≤ 0,3 dB	0,15 dB (typical)
Ferrule material	ceramic (zirconia)	ceramic (zirconia)
Ferrule diameter	2,5 mm	2,5 mm
Insertion / extraction cycles	min. 1000	min. 1000

LS0H	OM1 multimode	OM2 multimode	OM3 multimode
OM4 multimode	OS2 singlemode		



## Patch cord Duplex LC-ST

**OM1** P/N: P06D-LCST-xxx

OM1 multimode 62,5/125 µm

**OM2** P/N: P05D-LCST-xxx

OM2 multimode 50/125 µm

**OM3** P/N: POM3D-LCST-xxx

OM3 multimode 50/125 µm

**OM4** P/N: POM4D-LCST-xxx

OM4 multimode 50/125 µm

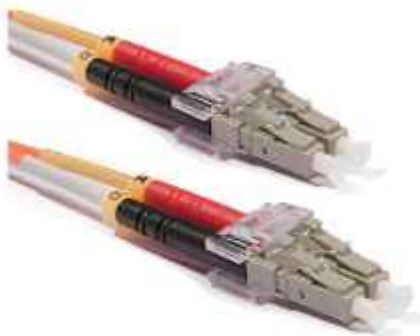
**OS2** P/N: P09D-LCST-xxx

OS2 singlemode 9/125 µm  
(ITU-T G.652.D)

Connector LC	multimode OM1, OM2, OM3, OM4	singlemode OS2
Polishing	PC	PC
Return loss	≥ 20 dB	≥ 55 dB
Insertion loss	≤ 0,3 dB	0,15 dB (typical)
Ferrule material	ceramic (zirconia)	ceramic (zirconia)
Ferrule diameter	1,25 mm	1,25 mm
Insertion / extraction cycles	min. 1000	min. 1000

Connector ST	multimode OM1, OM2, OM3, OM4	singlemode OS2
Polishing	PC	PC
Return loss	≥ 20 dB	≥ 55 dB
Insertion loss	≤ 0,3 dB	0,15 dB (typical)
Ferrule material	ceramic (zirconia)	ceramic (zirconia)
Ferrule diameter	2,5 mm	2,5 mm
Insertion / extraction cycles	min. 1000	min. 1000

<b>LS0H</b>	<b>OM1</b> multimode	<b>OM2</b> multimode	<b>OM3</b> multimode
<b>OM4</b> multimode	<b>OM5</b> multimode	<b>OS2</b> singlemode	



## Patch cord Duplex LC-LC

**OM1** P/N: P06D-LCLC-xxx

OM1 multimode 62,5/125  $\mu$ m

**OM3** P/N: POM3D-LCLC-xxx

OM3 multimode 50/125  $\mu$ m

**OM5** P/N: POM5D-LCLC-xxx

OM5 multimode 50/125  $\mu$ m

**OM2** P/N: P05D-LCLC-xxx

OM2 multimode 50/125  $\mu$ m

**OM4** P/N: POM4D-LCLC-xxx

OM4 multimode 50/125  $\mu$ m

**OS2** P/N: P09D-LCLC-xxx

OS2 singlemode 9/125  $\mu$ m  
(ITU-T G.652.D)

Connector LC	multimode OM1, OM2, OM3, OM4, OM5	singlemode OS2
Polishing	PC	PC
Return loss	$\geq 20$ dB	$\geq 55$ dB
Insertion loss	$\leq 0,3$ dB	0,15 dB (typical)
Ferrule material	ceramic (zirconia)	ceramic (zirconia)
Ferrule diameter	1,25 mm	1,25 mm
Insertion / extraction cycles	min. 1000	min. 1000

<b>LS0H</b>	<b>OM1</b> multimode	<b>OM2</b> multimode	<b>OM3</b> multimode
<b>OM4</b> multimode	<b>OM5</b> multimode	<b>OS2</b> singlemode	



## Patch cord Duplex LC-SC

**OM1** P/N: P06D-LCSC-xxx

OM1 multimode 62,5/125  $\mu$ m

**OM3** P/N: POM3D-LCSC-xxx

OM3 multimode 50/125  $\mu$ m

**OM5** P/N: POM5D-LCSC-xxx

OM5 multimode 50/125  $\mu$ m

**OM2** P/N: P05D-LCSC-xxx

OM2 multimode 50/125  $\mu$ m

**OM4** P/N: POM4D-LCSC-xxx

OM4 multimode 50/125  $\mu$ m

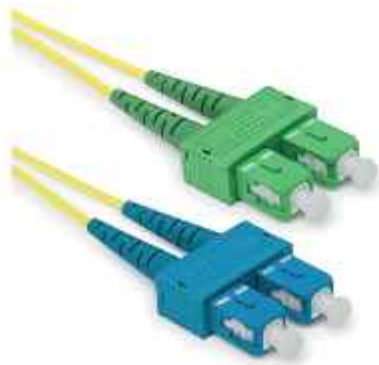
**OS2** P/N: P09D-LCSC-xxx

OS2 singlemode 9/125  $\mu$ m  
(ITU-T G.652.D)

Connector LC	multimode OM1, OM2, OM3, OM4, OM5	singlemode OS2
Polishing	PC	PC
Return loss	$\geq 20$ dB	$\geq 55$ dB
Insertion loss	$\leq 0,3$ dB	0,15 dB (typical)
Ferrule material	ceramic (zirconia)	ceramic (zirconia)
Ferrule diameter	1,25 mm	1,25 mm
Insertion / extraction cycles	min. 1000	min. 1000

Connector SC	multimode OM1, OM2, OM3, OM4, OM5	singlemode OS2
Polishing	PC	PC
Return loss	$\geq 20$ dB	$\geq 55$ dB
Insertion loss	$\leq 0,3$ dB	0,15 dB (typical)
Ferrule material	ceramic (zirconia)	ceramic (zirconia)
Ferrule diameter	2,5 mm	2,5 mm
Insertion / extraction cycles	min. 1000	min. 1000

LS0H OS2  
singlemode



## Patch cord Duplex SC/APC-SC

OS2 P/N: P09D-SCASC-xxx

OS2 singlemode 9/125  $\mu\text{m}$   
(ITU-T G.652.D)

Connector SC/APC	singlemode OS2
Polishing	APC
Return loss	$\geq 65$ dB
Insertion loss	0,15 dB (typical)
Ferrule material	ceramic (zirconia)
Ferrule diameter	2,5 mm
Insertion / extraction cycles	min. 1000

Connector SC	singlemode OS2
Polishing	PC
Return loss	$\geq 55$ dB
Insertion loss	0,15 dB (typical)
Ferrule material	ceramic (zirconia)
Ferrule diameter	2,5 mm
Insertion / extraction cycles	min. 1000

LS0H OS2  
singlemode



## Patch cord Duplex SC/APC-LC

OS2 P/N: P09D-SCALC-xxx

OS2 singlemode 9/125  $\mu\text{m}$   
(ITU-T G.652.D)

Connector SC/APC	singlemode OS2
Polishing	APC
Return loss	$\geq 65$ dB
Insertion loss	0,15 dB (typical)
Ferrule material	ceramic (zirconia)
Ferrule diameter	2,5 mm
Insertion / extraction cycles	min. 1000

Connector LC	singlemode OS2
Polishing	PC
Return loss	$\geq 55$ dB
Insertion loss	0,15 dB (typical)
Ferrule material	ceramic (zirconia)
Ferrule diameter	1,25 mm
Insertion / extraction cycles	min. 1000





LS0H

OS2  
singlemode

## Patch cord Duplex LSH/APC-SC

OS2 P/N: P09D-LSHA5C-xxx

OS2 singlemode 9/125 µm  
(ITU-T G.652.D)

Connector LSH	singlemode OS2
Polishing	APC
Return loss	≥ 65 dB
Insertion loss	0,15 dB (typical)
Ferrule material	ceramic (zirconia)
Ferrule diameter	2,5 mm
Insertion / extraction cycles	min. 1000

Connector SC	singlemode OS2
Polishing	PC
Return loss	≥ 55 dB
Insertion loss	0,15 dB (typical)
Ferrule material	ceramic (zirconia)
Ferrule diameter	2,5 mm
Insertion / extraction cycles	min. 1000



LS0H

OS2  
singlemode

## Patch cord Duplex LSH/APC-LC

OS2 P/N: P09D-LSHALC-xxx

OS2 singlemode 9/125 µm  
(ITU-T G.652.D)

Connector LSH	singlemode OS2
Polishing	APC
Return loss	≥ 65 dB
Insertion loss	0,15 dB (typical)
Ferrule material	ceramic (zirconia)
Ferrule diameter	2,5 mm
Insertion / extraction cycles	min. 1000

Connector LC	singlemode OS2
Polishing	PC
Return loss	≥ 55 dB
Insertion loss	typical
Ferrule material	ceramic (zirconia)
Ferrule diameter	1,25 mm
Insertion / extraction cycles	min. 1000



**LSOH****OS2**  
singlemode

## Patch cord Duplex LSH/APC-LSH/APC

**OS2** P/N: P09D-LSHALSHA-xxxOS2 singlemode 9/125  $\mu\text{m}$   
(ITU-T G.652.D)

Connector LSH	singlemode OS2
Polishing	APC
Return loss	$\geq 65$ dB
Insertion loss	0,15 dB (typical)
Ferrule material	ceramic (zirconia)
Ferrule diameter	2,5 mm
Insertion / extraction cycles	min. 1000

# Adapters

## LC-LC Duplex

P/N: KE-LC-MM OM1 OM2

Alignment sleeve ceramic (zirconia)  
Insertion loss < 0,2 dB



## LC-LC Duplex

P/N: KE-LC-MM-AQ OM3

Alignment sleeve ceramic (zirconia)  
Insertion loss < 0,2 dB



## LC-LC Duplex

P/N: KE-LC-MM-EV OM4

Alignment sleeve ceramic (zirconia)  
Insertion loss < 0,2 dB



## LC-LC Duplex

P/N: KE-LC-MM-LG OM5

Alignment sleeve ceramic (zirconia)  
Insertion loss < 0,2 dB



## LC-LC Duplex

P/N: KE-LC-SM OS2

Alignment sleeve ceramic (zirconia)  
Insertion loss < 0,2 dB



## LC/APC-LC/APC Duplex

P/N: KE-LCA-SM OS2

Alignment sleeve ceramic (zirconia)  
Insertion loss < 0,2 dB



## LC-LC Quad

P/N: KE-LCD-MM OM1 OM2

Alignment sleeve ceramic (zirconia)  
Insertion loss < 0,2 dB



## LC-LC Quad

P/N: KE-LCD-MM-AQ OM3

Alignment sleeve ceramic (zirconia)  
Insertion loss < 0,2 dB



## LC-LC Quad

P/N: KE-LCD-MM-EV OM4

Alignment sleeve ceramic (zirconia)  
Insertion loss < 0,2 dB



## LC-LC Quad

P/N: KE-LCD-MM-LG OM5

Alignment sleeve ceramic (zirconia)  
Insertion loss < 0,2 dB



## LC-LC Quad

P/N: KE-LCD-SM OS2

Alignment sleeve ceramic (zirconia)  
Insertion loss < 0,2 dB



## LSH/APC-LSH/APC Simplex

P/N: KE-LSHA-SM OS2

Alignment sleeve ceramic (zirconia)  
Insertion loss < 0,2 dB



## SC-SC Simplex

P/N: KE-SC-MM OM1 OM2

Alignment sleeve	phosphor bronze
Insertion loss	< 0,2 dB



## SC-SC Simplex

P/N: KE-SC-MM-AQ OM3

Alignment sleeve	ceramic (zirconia)
Insertion loss	< 0,2 dB



## SC-SC Simplex

P/N: KE-SC-MM-EV OM4

Alignment sleeve	ceramic (zirconia)
Insertion loss	< 0,2 dB



## SC-SC Simplex

P/N: KE-SC-MM-LG OM5

Alignment sleeve	ceramic (zirconia)
Insertion loss	< 0,2 dB



## SC-SC Simplex

P/N: KE-SC-SM OS2

Alignment sleeve	ceramic (zirconia)
Insertion loss	< 0,2 dB



## SC/APC-SC/APC Simplex

P/N: KE-SCA-SM OS2

Alignment sleeve	ceramic (zirconia)
Insertion loss	< 0,2 dB



## SC-SC Duplex

P/N: KE-SCD-MM OM1 OM2

Alignment sleeve	ceramic (zirconia)
Insertion loss	< 0,2 dB



## SC-SC Duplex

P/N: KE-SCD-MM-AQ OM3

Alignment sleeve	ceramic (zirconia)
Insertion loss	< 0,2 dB



## SC-SC Duplex

P/N: KE-SCD-MM- OM4

Alignment sleeve	ceramic (zirconia)
Insertion loss	< 0,2 dB



## SC-SC Duplex

P/N: KE-SCD-MM-LG OM5

Alignment sleeve	ceramic (zirconia)
Insertion loss	< 0,2 dB



## SC-SC Duplex

P/N: KE-SCD-SM OS2

Alignment sleeve	ceramic (zirconia)
Insertion loss	< 0,2 dB



## SC/APC-SC/APC Duplex

P/N: KE-SCAD-SM OS2

Alignment sleeve	ceramic (zirconia)
Insertion loss	< 0,2 dB



## ST-ST Simplex

P/N: KE-ST-MM OM1 OM2

Alignment sleeve	phosphor bronze
Insertion loss	< 0,2 dB



## ST-ST Simplex

P/N: KE-ST-SM OS2

Alignment sleeve	ceramic (zirconia)
Insertion loss	< 0,2 dB

