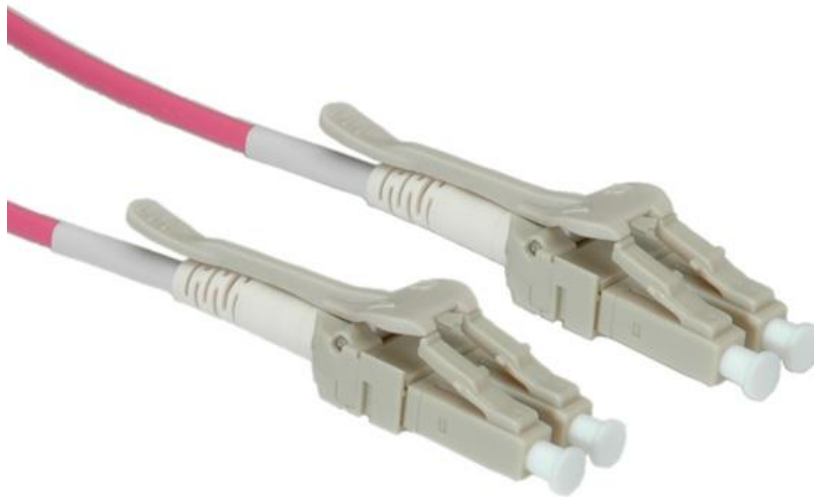




Datenblatt - Fiche technique - Data sheet

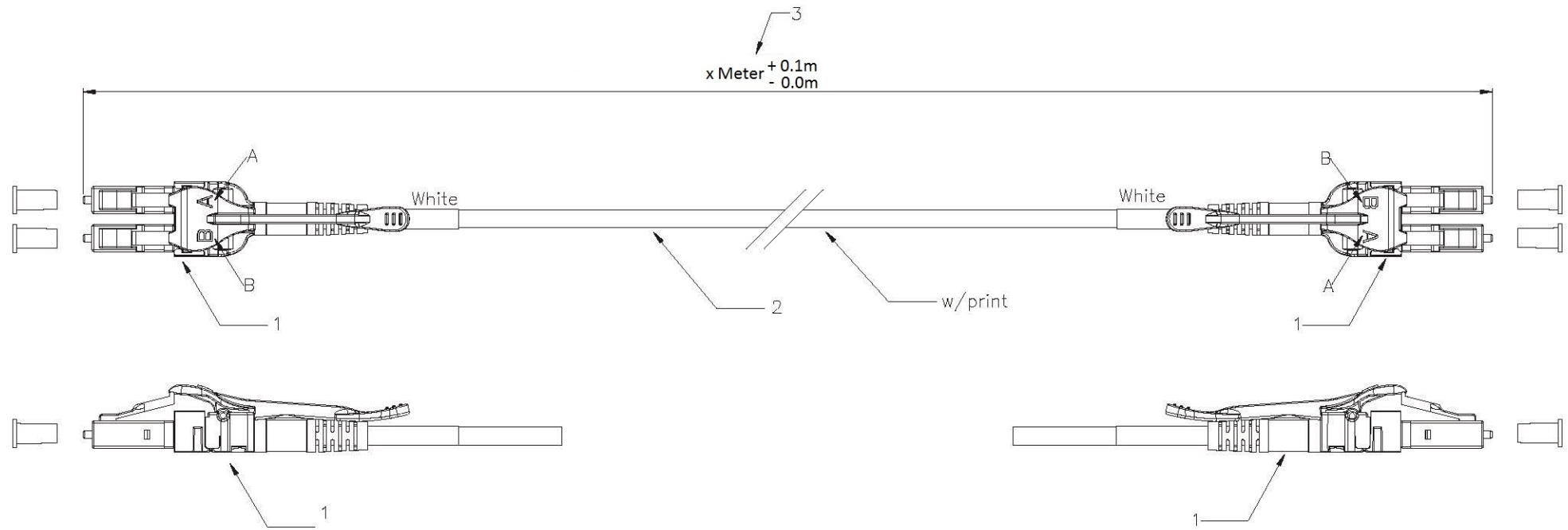
**21.15.8890**



ROLINE LWL-Kabel 50/125 $\mu$ m OM4, LC/LC, Low-Loss-Stecker für hohe Dichte,  
20,0 m

ROLINE Câble FO 50/125 $\mu$ m OM4, LC/LC, connecteurs Low-Loss, grande  
densité, 20,0 m

ROLINE FO Jumper Cable 50/125 $\mu$ m OM4, LC/LC, Low-Loss-Connector, for  
Data Center, 20.0 m



**Specification:**

1. LC Extractor Connector :

Mode	Ferrule	Housing	Clip	Control	Boot	Tube	Cap
OM4	Zirconia(ø1.25mm)	Aqua(PC)	Aqua(ABS+PC)	Aqua(PC+10%)	White(TPV)	White(PVC)	White(PE)

2. Cable Type : Round Duplex

Category	Jacket O.D.	Jacket Material
OM4(50/125um)	ø3.0mm	PVC OFNR/PVC OFNP/LSFRZH

3. Length : x Meter (see below chart)

4. Minimum of the bending radius: 60mm

**Item no. Chart**

21.15.8870	0.5m
21.15.8871	1m
21.15.8872	2m
21.15.8873	3m
21.15.8875	5m
21.15.8880	10m
21.15.8885	15m
21.15.8890	20m

**Performance:**

- a. Insertion Loss :
  - a-1: Multimode<0.5 dB(Low Loss<0.15 dB)
  - a-2: Singlemode<0.3 dB
- b. Return Loss :
  - b-1: Singlemode/SPC>45 dB
  - b-2: Singlemode/UPC>55 dB
- c. Fiber Extention :  $-0.05\mu\text{m} < H < +0.05\mu\text{m}$
- d. ø1.25mm Ferrule End-face Radius :  $7 < R < 25\text{mm}$
- e. Apex Offset :  $< 50\mu\text{m}$
- f. Insertion Loss will be Increased after 500 mating : 0.2 dB Max
- g. Operating Temperature :  $-20^{\circ}\text{C}$  to  $+70^{\circ}\text{C}$
- h. Storage Temperature :  $-40^{\circ}\text{C}$  to  $+80^{\circ}\text{C}$

<b>Item no.</b>	21.15.8870, 21.15.8871, 21.15.8872, 21.15.8873, 21.15.8875, 21.15.8880, 21.15.8885, 21.15.8890		
<b>Description</b>	ROLINE Fiber Optical Cable, OM4, 50/125um, Duplex, LC/LC, Low Loss, for Data Center, erika-violet		
"#": Matching DIM.	DRAWING	21.Au1.2014	byz
"*": Important DIM.	CHECK	21.Au1.2014	Jane
Others General DIM.	APPROVAL	21.Au1.2014	Frank
GENERAL TOLERANCE OF DIMENSIONS	SCALE	DATE	NAME
	1/1 (A4)	UNIT	mm
X.XXX ±0.005 X.XX ±0.05 X.X ±0.1	DRAWING NO. Extractor LC-LC(Uniboot)(SA1)		
DRAWING CLASSIFICATION		S	SHEET 1 OF 1

**rotronic**

No.	MODIFIED AREA	ORIGINAL	MODIFY	DATE	MODIFIER
1					