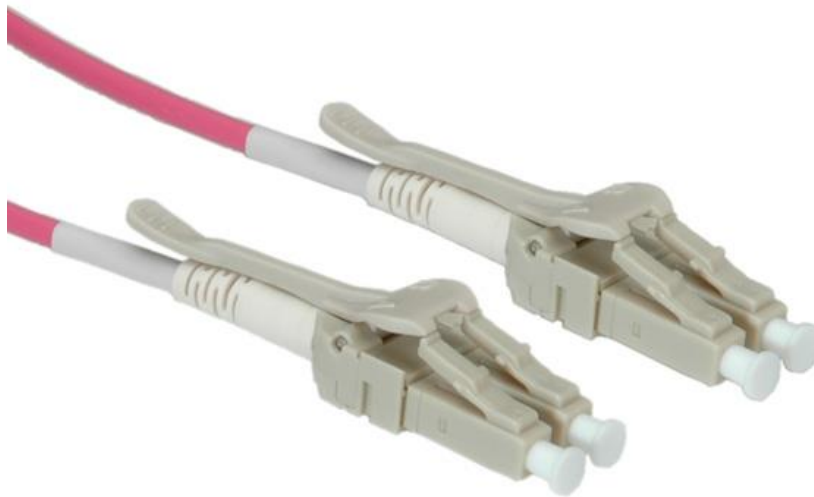




Datenblatt - Fiche technique - Data sheet

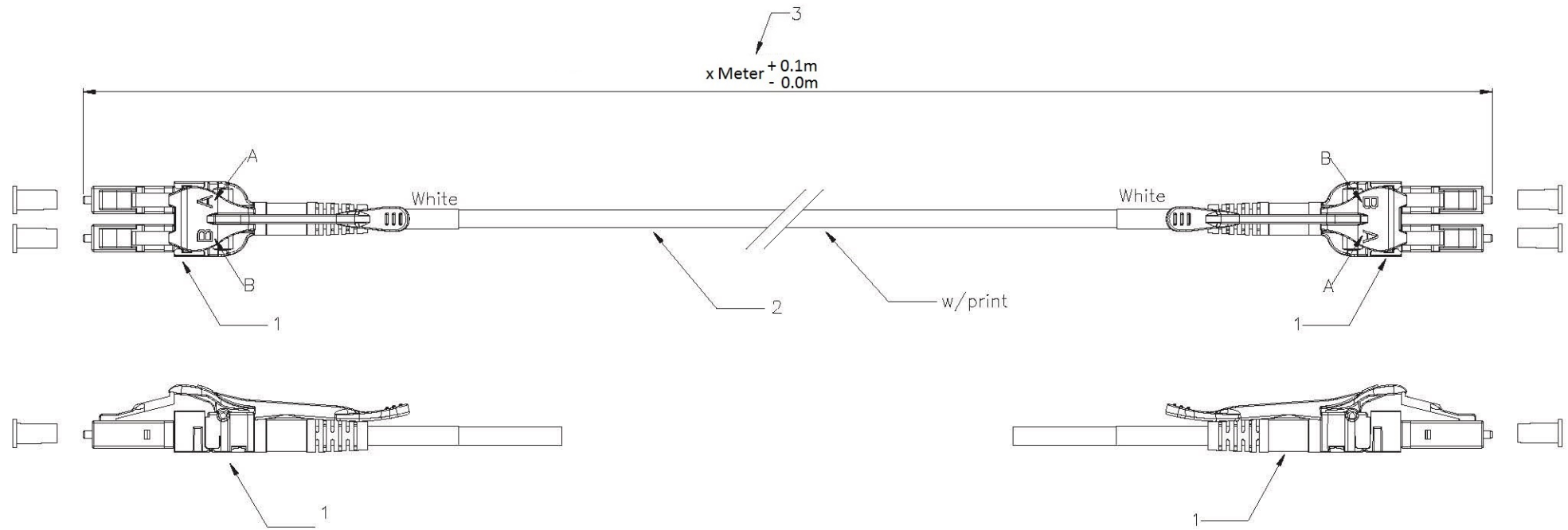
21.15.8871



ROLINE LWL-Kabel 50/125 μ m OM4, LC/LC, Low-Loss-Stecker für hohe Dichte,
1,0 m

ROLINE Câble FO 50/125 μ m OM4, LC/LC, connecteurs Low-Loss, grande
densité, 1,0 m

ROLINE FO Jumper Cable 50/125 μ m OM4, LC/LC, Low-Loss-Connector, for
Data Center, 1.0 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°C to $+70^{\circ}\text{C}$
- h. Storage Temperature : -40°C to $+80^{\circ}\text{C}$

Item no.	21.15.8870, 21.15.8871, 21.15.8872, 21.15.8873, 21.15.8875, 21.15.8880, 21.15.8885, 21.15.8890		
Description	ROLINE Fiber Optical Cable, OM4, 50/125um, Duplex, LC/LC, Low Loss, for Data Center, erika-violet		
"#: Matching DIM. "*: Important DIM. Others General DIM.	DRAWING	21.Au1.2014	byz
	CHECK	21.Au1.2014	Jane
	APPROVAL	21.Au1.2014	Frank
GENERAL TOLERANCE OF DIMENSIONS	SCALE	DATE	NAME
	SCALE	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					