



KONCENTRIK-V2 Connector

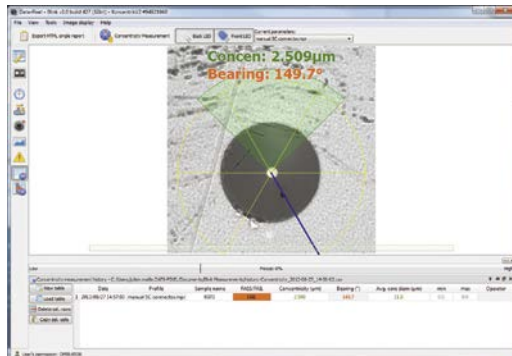
High precision Concentricity measurements

Koncentrik-V2 is a modular measurement system. **Fiber or ferrule eccentricity measurements** can be performed using different mechanical modules.

Koncentrik-V2 Connector is dedicated to eccentricity measurement of **fiber core relative to ferrule envelope**.

The unit is able to measure the concentricity and indicate the angular value of maximum eccentricity.

With the Blink software platform, Koncentrik-V2 is an **easy to use measurement unit with database connectivity**.



KEY FEATURES :

- Measures diam. 2.50 mm and 1.25 mm PC type connectors
- APC connectors option available
- Ferrule end-face visual inspection at x 400 magnification
- Accurate and repeatable measurements
- User adjustable quality level for high-speed measurements
- Easy calibration Blink Concentricity software
- Measurement data exported in standard CSV format
- Statistics on measurements available
- Compatible with Desktop PC, laptop, tablet PC
- Measurement report in HTML format
- Compatible with desktop PC, laptop, tablet PC

SPECIFICATIONS :

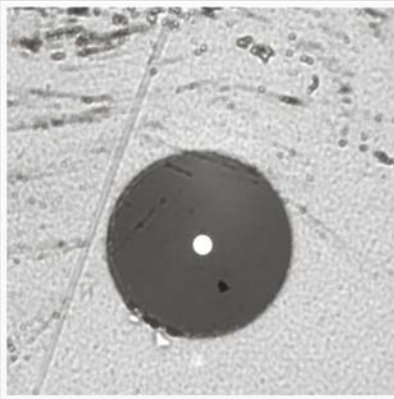
Eccentricity (µm) :	0 to 100
Indexing measurement (degrees) :	0 to 360
Measurement speed (sec.) :	10 (depends on user)
Magnification :	X 400
Ferrule outside diameter (mm) :	1.00 to 3.17
Fiber core diameter (µm) :	5 to 400
Power source :	12 V
Dimensions H x W x L (mm) :	120 x 150 x 260
Weight (kg) :	4.5

KONCENTRIK-V2 Connector | CONCENTRICITY

Concentricity report Sample name: 0373 27/08/2013 15:05:34

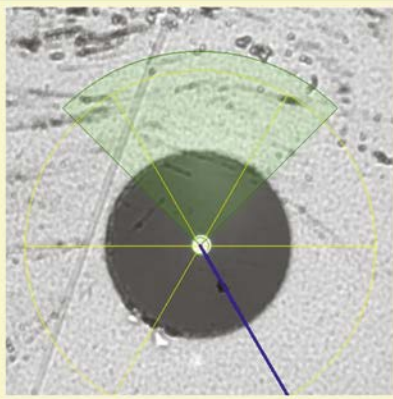
Device: KonzentrikV2 serial: 94921965 Type: fiber manual SC connector.mpr
 Camera settings: exposure time: 25,000 ms gain: 1.000 **FAIL**

Parameter	min allowed	max allowed	Measurement result	PASS/FAIL
Concentricity	0.00µm	3.00µm	2.51µm	PASS
Core diameter	5.00µm	15.00µm	11.80µm	PASS
Oval error	0.00µm	0.20µm	0.88µm	IGNORED
Triangularity error	0.00µm	0.20µm	0.41µm	IGNORED
Bearing error	-45.00°	45.00°	149.70°	FAIL
Cleanness	90.00%	n/a	-%	IGNORED



Scope snapshot

Left-click an image for a full screen view.
Right-click an image to save it.



Overlay snapshot

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ORDER OPTIONS :

Koncentrik Connector unit with : - Blink Concentricity - 2 holders for patchcords	71-KKCN-V2-M10-00
Holder for patchcord 1.25mm, sleeve-type	30-HL-000719
Holder for patchcord 2.50mm, sleeve-type	30-HL-000720
Holder for patchcord 1.25mm, VGroove-type	30-HL-000724
Holder for patchcord 1.60mm, VGroove-type	30-HL-000727
Holder for patchcord 2.00mm, VGroove-type	30-HL-000726
Holder for patchcord 2.50 mm, VGroove-type	30-HL-000723
Holder for patchcord 3.17mm (SMA), VGroove -type	30-HL-000725