

KG-PERM

Extinction ratio tester



www.rof-oc.com

The single/double channel extinction ratio tester can independently test polarization extinction ratio, optical power, digital zero, digital calibration, manual or automatic range selection. It is equipped with a USB (RS232) interface. The upper computer software can automatically test, record, and analyze data and quickly form an automatic test system. It is widely used in the test of optical communication equipment, optical fiber, passive optical devices, and active optical devices, with a wide power range, high test accuracy, high-cost performance, and good reliability.

Product feature

- Long life, low noise, low electromagnetic interference
- The measurement error is small

Application

- Per parameter test of single ended optical device
- Per parameter test of dual output device
(Y-Waveguide, coupler, beam splitter, etc.)



Parameters

Parameters	Unit	Index
Channels	Signal channel	
Measurement of extinction ratio	dB	> 40
Measurement wavelength range	nm	1020~1650
measurement error	dB	$\leq \pm 0.2$ (PER:0~30dB, $P_i \geq 10\mu\text{W}$)
	dB	$\leq \pm 0.3$ (PER:31~35dB, $P_{in} \geq 10\mu\text{W}$)
	dB	$\leq \pm 0.5$ (PER:36~40dB, $P_{in} \geq 100\mu\text{W}$)
Input power range	μW	0.01~2000
Effective resolution	dB	0.03
Data update rate	Times / Channel / second	1~2

Working temperature

Working temperature	5~40°C
Working humidity	R. H. 15~80%
Storage temperature	-15~45°C

Order information

ROF	PERM	X
	Extinction ratio tester	A---signal channel B---dual channels

*please contact our sales if you have special damnd.