

 **FUJIFILM**

CD-R

*Innovation of
Advanced Optical
Synthesis Technology
realizes up to 52x
write speed.*



DATA

VIDEO

AUDIO

Innovation of Advanced Optical Synthesis Technology realizes up to 52x write speed.

FUJIFILM has successfully produced a new CD-R product with extra superb read-write quality, reliability and durability by using new developed advanced organic dye in the recording layer.

FUJIFILM's new CD-R has achieved an extremely low error rate and a wide performance range. It is capable of satisfying the range of writing conditions used by current CD-R writer devices (refer to "Power margin" graph).

As a result, the new CD-R guarantees highly stable writing performance for a wide range of speeds of CD-R writer devices: i.e. up to high speed 52x.

FUJIFILM CD-R has achieved not only stable high speed write/read performance but also excellent reliability characteristics. Aging test under high temperature and high humidity (long storage acceleration test) shows stable error ratio over 1,000 hours (more than 100 years storage under room condition). Light resistance test shows stable error ratio over 100 days under daylight outside. FUJIFILM CD-R ensures to keep every kind of important data with maximum security.

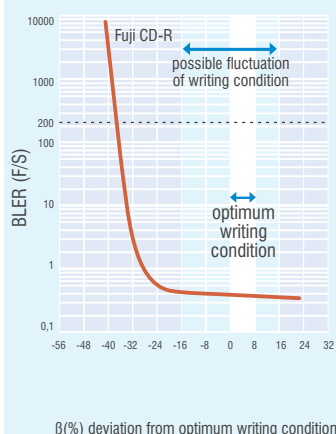
Now also available in slim cases with 10 or 20 pcs. and in cake boxes with 25, 50 or 100 pcs. for more convenient handling and storing.

Specifications: CD-R

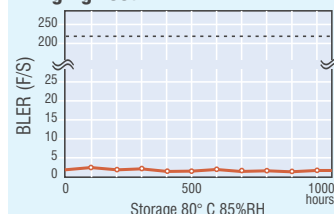
Item	Units	CD-R 700 MB 48x/52x
Format		Orange Book Part II
Capacity*	MB	700
Linear Velocity	m/s	1.2
Track pitch	μm	1.5
Substrate		Polycarbonate
Recording Layer		Organic Dye
Outer diameter	mm	120 ± 0.3
Inner diameter	mm	15 +0.1/-0.0
Thickness	mm	1.2 +0.3/-0.1
Recording Areas	mm	44.7 - 118 (maximum)
Optimum Write Power	mw	6-7 (Laser W/L = 790 nm, Lens = 0.5)
Block Error	eps	Less than 20
Jitter	ns	22~23
Number of Readings		More than 10 ⁶ times

*The value is in the case of Mode 1 recording, capacity varies by the format in use.

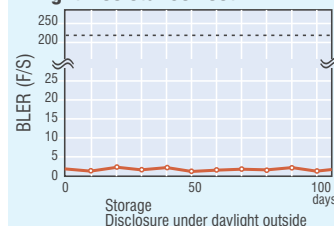
Power margin



Aging Test



Light Resistance Test



Specifications and appearance are subject to change without notice.



Headquarters

FUJI MAGNETICS GmbH

Fujistraße 1
D - 47533 Kleve
Tel.: +49 2821 509 0
Fax: +49 2821 509 183
www.fuji-magnetics.com

FUJI MAGNETICS AUSTRIA
www.fuji-magnetics.com
e-mail: office@fuji-magnetics.at

FUJI MAGNETICS BELGIUM
www.fuji-magnetics.com

FUJI MAGNETICS DENMARK
www.fuji.dk
e-mail: fuji@fuji.dk

FUJIFILM ESPAÑA, S.A.
www.fujifilm.es
e-mail: info@fujifilm.es

FUJI MAGNETICS FRANCE
www.fuji-magnetics.com

FUJI MAGNETICS GmbH
Sales Germany
www.fuji-magnetics.de

FUJI MAGNETICS ITALIA S. r. l.
www.fuji-magnetics.com
e-mail: fuji.magnetics@fujifilm.it

FUJI MAGNETICS NEDERLAND
www.fuji-magnetics.com

FUJI MAGNETICS SWEDEN
www.fujimagnetics.se
e-mail: sales@fujimagnetics.se

FUJI PHOTO FILM (U.K.) Ltd.
www.fujifilm.co.uk