

IBM-certified 4mm data cartridges with IBM quality built in



IBM-Certified 4mm Data Cartridges

IBM-certified quality

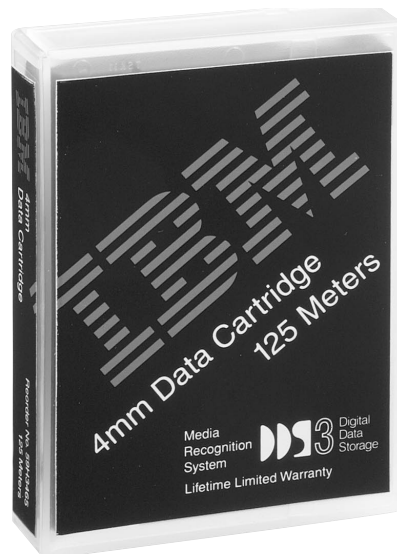
IBM 4mm data cartridges are precision-manufactured to tight specifications, assuring consistent high quality and reliability. Each cartridge comes with IBM's lifetime limited warranty.

Storage technology leadership

All IBM media products reflect the high standards of a leader in media and storage-drive technology. As a Total Storage Solution Provider, IBM developed many of the storage technologies used today and we continue to set media standards.

The IBM value proposition

IBM quality, support and performance certification combine to make IBM a media value leader in 4mm storage products. **Call 1-888-IBM-MEDIA or visit www.ibm.com/storage/media for more information.**



- Precision-matched tape reels and guaranteed reel-heights for smooth, reliable operation
- Proprietary hub lock reduces tape positioning errors, ensuring data integrity
- Laser-optical tape alignment during manufacture for tape-path reliability

...Media Value from IBM

1-888-IBM-MEDIA

www.ibm.com/storage/media

Specifications

	DDS1	DDS2	DDS3	DDS4	DAT72 (DDS Gen 5)	Cleaning Cartridge
Storage capacity (uncompressed)	2.0GB	4.0GB	12GB	20GB	36GB	N/A
Cartridge type	DDS1	DDS2	DDS3	DDS4	DAT72	Cleaning Cartridge (up to 50 cleanings)
IBM each part number	21F8754	8191151	59H3465	59H4456	18P7912	21F8763
IBM 5 pack part number				71P9155	71P9158	

General Characteristics

Magnetic particle	MP	MP+	MP++	MP+++	MP++++	—
Base material	PET	Aramid	Aramid	Aramid	Aramid	—
Data transfer rate (KB/s)	183–233	360–788	0.5–1.5 MB/s*	0.5–1.5 MB/s*	3 MB/s*	—
Bit error rate, error compensated	<10 ⁻¹⁵	<10 ⁻¹⁵	<10 ⁻¹⁵	<10 ⁻¹⁵	<10 ⁻¹⁵	—
Minimum tape length (m)	90.0	120.0	125.0	150.0	170.0	—

Environmental Requirements

Operating conditions	41–113°F (5–45°C); 20–80% RH**			59–131°F (15–55°C); 10–80% RH		
Storage conditions	41–90°F (5–32°C); 40–60% RH**			-40–125°F (-40–52°C); 5–80% RH		

* Values are drive and data dependent.

** Maximum wet bulb temperature 79°F (26°C).

- **Improved media coating** for cleaner operation and reduced head friction
- **Ruggedized tape substrate** tested to withstand over 2,000 passes against heads
- **Industry-standard DDS media recognition** for data-grade tapes

Quality data storage products from IBM

IBM offers a complete line of quality data storage products to support applications ranging from PC desktops to enterprise-wide mainframe libraries. Some of the available products are:

- 3570 Magstar MP tape cartridges
- 3590E, 3590, 3490E and 3480 tape cartridges
- M/O optical discs and DVD-RAM Discs
- 4mm, 8mm and VXA data cartridges
- 1/4" (QIC) MLR/SLR data cartridges
- DLTtape™ IV and Super DLT data cartridges
- Cleaning cartridges in all popular formats

To obtain more information

To order or get more information on any IBM data storage products call **1-888-IBM-MEDIA** toll free in the U.S. and Canada

For locations outside the U.S. and Canada, you can obtain more information at www.ibm.com/storage/media

Limited warranty includes Warranty Service only in those countries where IBM products are sold by IBM or IBM Business Partners (registration required). For more information contact your IBM representative or reseller.

This warranty does NOT apply to failure of the IBM product resulting from misuse, abuse, accident, neglect or mishandling, improperly adjusted or maintained drives, incorrect environments, or wear from ordinary use.

Performance data contained herein was obtained in a controlled environment. Actual results that may be obtained in other operating environments may vary significantly. These values do not constitute a guarantee of performance.

IBM reserves the right to alter specifications and other product information without prior notice.

IBM is a registered trademark of International Business Machines Corporation.

Other company, product, and service names may be trademarks or registered trademarks of their respective companies.



www.ibm.com/storage/media

© Copyright IBM Corporation 2004

IBM Storage Subsystems Division
Removable Media Storage Solutions
9000 South Rita Road
Tucson, AZ 85744

Printed in the United States of America
11-04

All Rights Reserved

1-888-IBM-MEDIA

www.ibm.com/storage/media