

DIGITAL
VIDEOCASSETTE

D2
Composite Digital

D2001



Outstanding digital video and audio fidelity with FUJIFILM's new 19 mm D2001 metal videocassettes.

At Last, a Videocassette Designed Specifically for Today's Composite Digital VTR Systems.

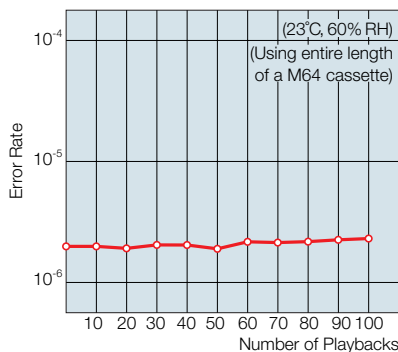
FUJIFILM's D2001 D-2 videocassettes feature Super-Fine Metallix metal magnetic particles specially formulated to match the Performance characteristics of today's state-of-the-art digital video equipment. This ensures excellent video and audio S/N for improved picture and sound quality.

Our durable tape construction provides stable tape transport over a wide temperature range, delivering the consistent performance that professionals can count on. And thanks to advanced new surface treatment techniques, the tape surface is mirror-smooth for superior tape-to-head contact with minimal head wear.

Ultra-Low Error Rate

To keep the error rate to an absolute minimum, we developed a durable new binder material for our D2001 D-2 videocassettes. And to ensure that the rate stays low even after repeated recording and play-back, we developed a tough new backcoating material. When you consider the strict quality controls we apply at every step in the manufacturing process, it's no wonder that it all adds up to broadcast-grade performance.

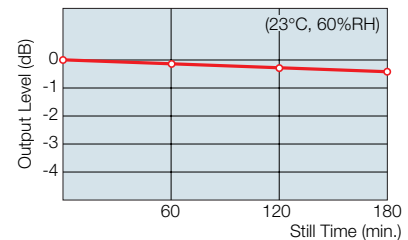
Changes in Error Rate after Repeated Playbacks



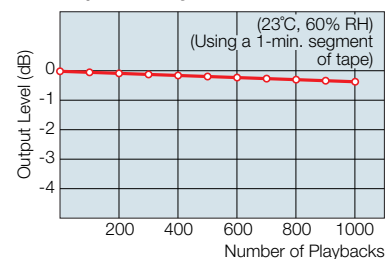
Extended Still & High-Speed Playback

Extended still capability is offered to meet the critical demands of the editing room, where long pauses and high-speed searches are frequent. Due to the superior quality of our Super-Fine Metallix magnetic particle and binder formulations, decreases in RF output are minimal even after repeated search and pause operations.

Changes in Output Level after Still Playbacks (f=32 MHz)



Changes in Output Level after Repeated Playbacks



FUJIFILM D2001 Digital Videocassette Technical Data

Magnetic Properties	
Coercivity (Hc)	120 kA/m
Retentivity (Br)	265 mT
Physical Properties	
Tape Thickness: Total	12.5 µm
Base	9.4 µm
Magnetic Layer	2.5 µm
Backcoat	0.5 µm
Undercoating Layer	0.1 µm
Tape Width	19.010 mm
Yield Strength	30 N
Breaking Tensile Strength	90 N
Residual Elongation	0.04 %
Performance	
Video RF Output	0 dB*
Video S/N	0 dB*
Audio Sensitivity	0 dB*
Audio Frequency Response	0 dB*

FUJIFILM D2001 Digital Videocassette Line-up

Cassette	Size	Tape Length	Recording Time	Dimensions		Weight (With case)
				Cassette Shell	Case	
S	S - 6	56 ⁺² ₋₀ m (184 ft.)	6 min.	172 x 109 x 33 mm	196 x 129 x 40 mm	400 g (0.83 lbs.)
	S - 12	103 ⁺² ₋₀ m (338 ft.)	12 min.			415 g (0.92 lbs.)
	S - 22	183 ⁺² ₋₀ m (600 ft.)	22 min.			445 g (0.98 lbs.)
	S - 32	262 ⁺² ₋₀ m (860 ft.)	32 min.			475 g (1.05 lbs.)
M	M - 6	56 ⁺² ₋₀ m (184 ft.)	6 min.	245 x 150 x 33 mm	284 x 176 x 40 mm	735 g (1.62 lbs.)
	M - 12	103 ⁺² ₋₀ m (338 ft.)	12 min.			755 g (1.67 lbs.)
	M - 22	183 ⁺² ₋₀ m (600 ft.)	22 min.			785 g (1.73 lbs.)
	M - 34	277 ⁺² ₋₀ m (909 ft.)	34 min.			820 g (1.81 lbs.)
	M - 64	515 ⁺² ₋₀ m (1,690 ft.)	64 min.			905 g (2.00 lbs.)
	M - 94	753 ⁺² ₋₀ m (2,470 ft.)	94 min.			995 g (2.20 lbs.)
L	L-126	1,041 ⁺⁷ ₋₀ m (3,416 ft.)	126 min.	366 x 206 x 33 mm	430 x 284 x 51 mm	2,385 g (5.26 lbs.)
	L-156	1,251 ⁺⁷ ₋₀ m (4,105 ft.)	156 min.			2,500 g (5.51 lbs.)
	L-188	1,505 ⁺⁷ ₋₀ m (4,938 ft.)	188 min.			2,515 g (5.54 lbs.)
	L-208	1,663 ⁺⁷ ₋₀ m (5,456 ft.)	208 min.			2,665 g (5.88 lbs.)

Note: Figures are typical values based on Fujifilm's standard measurement procedures. The figures marked with * are comparisons with the Fujifilm reference tape. Specifications are subject to change without notice.



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