

JVC

The Perfect Experience / —

For HDV/DV

Mini DV

Mini DV Cassette

M-DV63PROHD

Standard DV

Standard DV Cassette

LA-124PROHD

LA-186PROHD

LA-276PROHD

ProHD

PROFESSIONAL DV

Mini & Standard Digital Video Cassettes for Professional Use



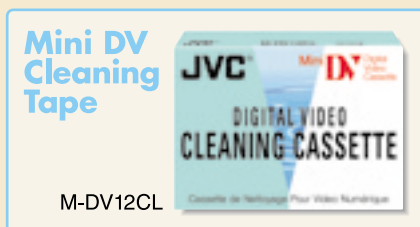
- Newly developed technology for Metal Evaporated Tape gives improved reliability and high durability for repeated use on professional editing equipment.
- Improved electrical properties and lower error rate.
ProHD tape offers high output levels in the high-frequency range and an extended margin for error-rate.
- DLC layer and special lubricant ensures excellent storage stability and durability, even after repeated use.
- Anti-static lid to repel dust.

The newly developed **ProHD** recording tape has been engineered by JVC to support not only their **ProHD** range of HDV hardware recording equipment but also their **DV** recording equipment. New developments in the form of a **DLC** protective layer and a thin cobalt magnetic layer have brought about increases in both recording durability and storage stability.

ProHD mini DV Tape



M-DV63PROHD



M-DV12CL

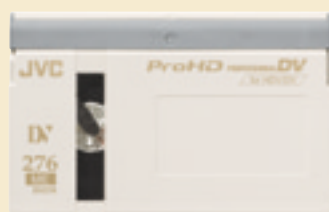
ProHD DV Standard Tape



LA-124PROHD



LA-186PROHD



LA-276PROHD

High output and low noise characteristics assure high-density digital recording.

High output and high C/N (Carrier-to-Noise ratio) throughout the frequency range, plus an expanded error-rate margin, help to ensure faithful recording and playback of video and still digital signals. ProHD's increased error-rate margin contributes to the sort of high reliability that allows professionals to work with confidence even in adverse conditions.

DLC protective layer and lubricant greatly improve durability and storage stability.

The ultra-thin layer DLC (Diamond-Like Carbon) combines the hardness of a diamond and the strength of polymer. In order to meet the high demands of professional applications, the DLC layer formed on the surface of the magnetic layer is thicker than normal. This results in superior durability and storage stability, as well as consistently high output level even after repeated use of the tape. Naturally lubricant is indispensable for maintaining stable transport characteristics after the tape is used repeatedly or paused in still mode. The tape has been engineered so that the amount of lubricant on the DLC surface will not change even after repeated use or prolonged storage. Thus durability and storage stability, both essential qualities for a professional tape, have been improved, resulting in exceptional reliability.

Mini DV cleaning tape M-DV12CL ensures easy cleaning without damaging the heads.

This cleaning tape always assures high picture and sound quality. Although JVC's ProHD tape cassettes automatically provide a degree of head cleaning, it is recommended to perform periodic cleaning of the head and transport mechanism with this special mini DV tape cassette.

	Item	Unit	M-DV63PROHD	LA-124PROHD	LA-186PROHD	LA-276PROHD
Dimension & Physical properties	Cassette size	mm	73x51x16	125x78x14.6	125x78x14.6	125x78x14.6
	Tape length	m	73.8	143.1	213.5	315.7
	Tape thickness	μm	7	7	7	7
	Transparency	%	Less than 5%	Less than 5%	Less than 5%	Less than 5%
Recording Characteristics *	Optimum Recording Current	dB	0.5	0	0	0
	Output level (Data signal)	dB	1.2	0.5	0.5	0.5
	Output level (Tracking signal)	dB	0.7	0	0	0
	Carrier to Noise level (21MHz)	dB	0.7	0.5	0.5	0.5
	Carrier to Noise level (10.5MHz)	dB	0.7	0.5	0.5	0.5
	Overwrite level (Data signal)	dB	0	0	0	0
	Overwrite level (Tracking signal)	dB	0	0	0	0
Master Carton	Contents per master carton	pcs	50	50	50	50
	Contents per inner carton	pcs	10	5	5	5
	Dimension(LxWxH)	mm	286x179x101	474x220x177	474x220x177	474x220x177
	Weight	Kg	2.25	6.25	6.60	6.90
	Volume	m ³	0.00517	0.018	0.018	0.018

*As compared to DV Cassette reference tapes.