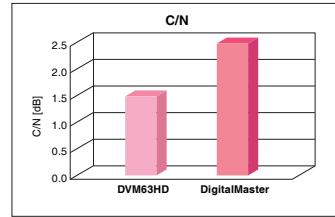


DigitalMaster™ for Optimum HD Recording Performance.

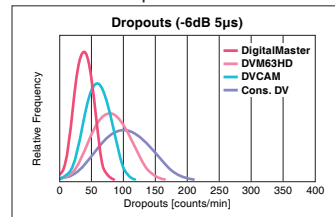
Dual-Layer Metal Evaporated Tape Technology

Visible dropouts can ruin your work. “DigitalMaster” tape protects you better. Sony’s high-density, high efficiency magnetic material is applied in two metal evaporated layers to achieve even higher density and low spacing for professional performance. This contributes to further improvement in RF output and noise reduction, providing 1dB better C/N or 60% fewer dropouts (at -6dB, 5µs) compared to Sony consumer DVM63HD.

Electromagnetic Properties



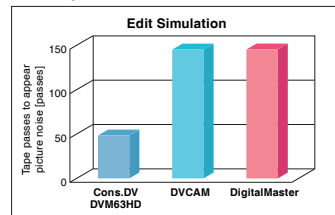
Distribution of Dropouts



DLC Coating For A Tougher Tape

Sony’s Diamond Like Carbon (DLC) coating is designed to protect the recording layer from damage under demanding conditions. Designed for the professional, “DigitalMaster” achieves more than three times the durability of consumer DVM63HD. So your valuable assets are protected.

Durability



*All data based on comparison with Sony reference tape.



DVCAM Designed for HDV

New DLC (Diamond Like Carbon)

New DLC protective layer with optimized stiffness achieves both improving tape wear resistance and reducing head ware.

New Lubricant

New lubricant developed for superior stability even at higher speed rotation, has lessen tape’s damage.

Physical properties

Item	Unit	Typical value
		PHDVM-DM
Thickness: Base	µm	6.3
Thickness: Backcoating	µm	0.5
Thickness: Magnetic layer	µm	0.2
Thickness: Total	µm	7.0
Width	mm	6.35

Magnetic properties

Item	Unit	Typical value
Intrinsic coercivity (Hc)	kA/m	125
Retentivity (Br)	mT	550
Squareness (Br/Bm)	-	0.82

Video and Audio performance*

Item	Unit	Typical value
RF playback output	dB	+1.5
C/N	dB	+2.5

*Compared with Sony reference tape.