





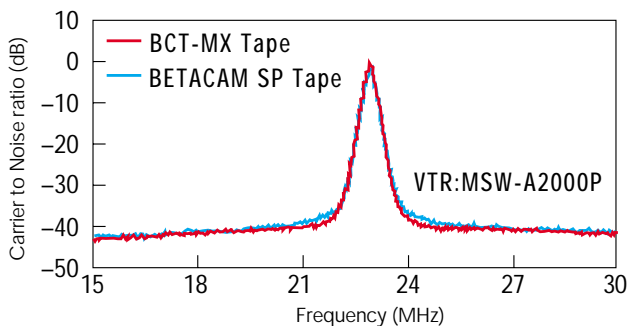
### Improved Double High-Density Recording

By using ultra-fine metal particles and a new calendaring system, BCT-MX tape achieves a C/N ratio of 40dB with the shortest wavelength of 0.56µm and a super smooth tape surface. As a result, output is +1dB higher than Betacam SX.

### Enhanced Binder for Excellent Durability

Durability is essential for consistent recording performance. A new magnetic particle treatment improves adhesion between the binder and particles by up to 30%, while a uniform dispersion of particles across the tape surface plus a three-dimensional cross-linked binder significantly reduce powder debris. With these enhancements, BCT-MX tape durability is excellent across a range of environments from studio production to field-based ENG.

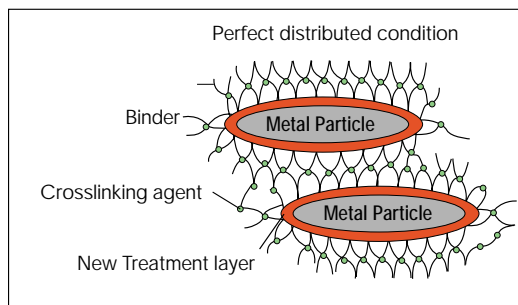
### Modulation Noise Spectrum



### Double Recording Time Indication

A convenient recording time indicator allows for instant verification of the time remaining on a tape. Because BCT-MX tape features Double Recording Time indication, this information can be displayed in both 525i and 625i modes.

### Newly developed magnetic particles treatment technology



### Physical properties

Item	Unit	Typical value BCT-MX/MXL
Thickness: Base	µm	11.0
Thickness: Backcoating	µm	1.0
Thickness: Magnetic layer	µm	2.0
Thickness: Total	µm	14.0
Width	mm	12.65

### Magnetic properties

Item	Unit	Typical value
Intrinsic coercivity (Hc)	kA/m	125
Retentivity (Br)	mT	245
Squareness (Br/Bm)	-	0.85

### Video and Audio performance\*

Item	Unit	Typical value
RF playback output (25.7 MHz)	dB	0
C/N	dB	0

\*Compared with Sony reference tape

### BCT-MX Series Line-up

Model	Playing time (min.)	Tape length (m)	Weight* (g)	Master Carton Quantity	Carton Weight* (kg)
BCT-6MX	7	30	215	50	12.6
BCT-12MX	14	63	221	50	12.9
BCT-22MX	26	92	231	50	13.4
BCT-32MX	38	131	242	50	13.9
BCT-60MX	71	239	270	50	15.3
BCT-64MXL	76	260	601	10	6.5
BCT-94MXL	112	376	632	10	6.8
BCT-124MXL	148	493	663	10	7.1
BCT-184MXL	220	725	725	10	7.8
BCT-HD12CL	12	78	275	40	12.3

### Cleaning cassette

\* with case