



MPEG IMX from Sony

An exceptional digital format for SD Broadcasters

With MPEG IMX, Sony has developed a format based on MPEG2 technology offering extremely high picture quality and multi-generation editing. Since its launch in 1996, MPEG IMX has become one of the most exciting digital formats for SD broadcasting.



MPEG IMX Series

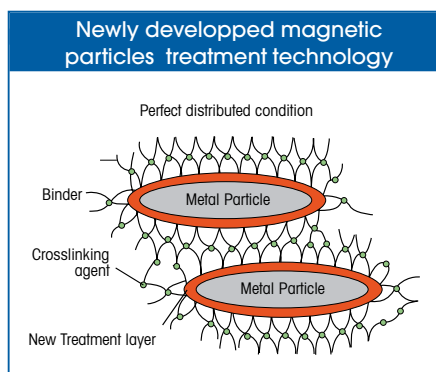
- Small Cassettes
 - BCT-6MX
 - BCT-12MX
 - BCT-22MX
 - BCT-32MX
 - BCT-60MX
- Large Cassettes
 - BCT-64MXL
 - BCT-94MXL
 - BCT-124MXL
 - BCT-184MXL
- Cleaning Cassettes
 - BCT-HD12CL



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Designed for reliable high density recording

With ultra-fine metal particles and an advanced calendaring system, MPEG IMX tape provides exceptional quality with a C/N ratio of 40dB. A separate magnetic particle treatment improves adhesion between the binder and particles by 30%, reducing dropouts and increasing durability.



Physical properties		
Items	Unit	Typical Values
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		
Items	Unit	Typical Values
Intrinsic coercivity (Hc)	kA/m	125
Retentivity (Br)	mT	245
Squareness (Br/Bm)	-	0.85



Advanced features for SD broadcasting

MPEG IMX is perfect for broadcast infrastructures with open compression at data rates of up to a rapid 50Mbps. The convenient double recording time indicator enables professional camera operators to quickly verify time remaining on the tape in both 525i and 625i modes for even more flexibility while filming.

MPEG IMX Series					
Model	Playing time (min)	Tape length (m)	Weight* (g)	Master carton Quantity (pcs)	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
BDT-124MXL	148	493	663	10	7.1
BCT-184MXL	220	725	725	10	7.8
BCT-HD12CL	78	12	275	50	15.5

* with case

SONY

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