

# **ECMA-79, Data Interchange on 6,30 mm Magnetic Tape Cartridge using IMFM Recording at 252 ftpmm**

## **SCOPE**

This Standard ECMA-79 specifies the mechanical, physical and magnetic properties of a 6,30 mm wide, 4-track magnetic tape cartridge similar to that of Standard ECMA-46 but of improved performances.

This Standard specifies two types of cartridges, a Type A and a Type B which differ in length of tape and in the properties affected by this difference.

The cartridge shall be of the twin hub coplanar type, loaded with a 6,30 mm wide magnetic tape for digital recording at a physical recording density of 252 ftpmm. The tape shall be transported between hubs by an internal belt capstan to the external drive. No tape driving or positioning sensing elements shall penetrate the cartridge. The direction of magnetization shall be in the longitudinal direction of the tape.