

# **ECMA-62, Data Interchange on 12,7 mm 9-Track Magnetic Tape – 32 ftpmm, NRZ1, 32 cpmm – 126 ftpmm, Phase Encoding, 63 cpmm – 356 ftpmm, NRZ1, 246 cpmm GCR**

## **SCOPE**

This Standard ECMA-62 specifies the physical and magnetic characteristics of 12,7 mm, 9-track magnetic tape with reel, to enable interchangeability of such tapes. It also provides a format and three recording methods, thus allowing together with Standard ECMA-13 for Magnetic Tape Labeling full data interchange by means of such magnetic tapes. The three methods defined in this Standard are:

- NRZ1 at the physical recording density of 32 ftpmm, yielding a data density of 32 cpmm,
- Phase Encoding at the physical recording density of 126 ftpmm, yielding a data density of 63 cpmm,
- NRZ1 at the physical recording density of 356 ftpmm, yielding a data density of 246 cpmm when Group Coded Recording is used.