

Abstract

A nematic liquid crystal composition comprising compounds of the general formulas (I-1) to (I-5) each having
5 naphthalene-2,6-diyl, decahydronaphthalene-2,6-diyl and
1,2,3,4-tetrahydronaphthalene-2,6-diyl, and a liquid display
device using the same. This nematic liquid crystal
composition broadens the operating temperature range of liquid
crystal display characteristics due to an improvement in co-
10 solubility and storage at low temperature, thereby making it
possible to improve a reduction in driving voltage and a
change in temperature and to attain comparatively fast
response characteristics for a predetermined driving voltage.
Accordingly, the nematic liquid crystal composition is best
15 suited for use as TN, STN, TFT, IPS, MVA, OCB, ECB, PC, PNLC,
PDLC, PSCT or the like.