

ALL in ONE DATA LINK SOLUTION



Video multiplexer



IN-SNEC

This highly compact video multiplexer / TM multiplexes a 5 MHz standard video channel and an asynchronous data channel (up to 38.4 Kb/s).

The data channel is transmitted by a subcarrier generated by the multiplexer.

To ensure the data channel transmission, the multiplexer must be combined with the transmission / reception modem ref SM517877

Its compactness, its lightweight and its robustness make it ideal for integration as well in fixed systems as in vehicles with little available space and harsh environment like target drone, unmanned vehicle, light aircraft, terrestrial vehicles,...

Applications

- Telemetry from aircraft, ground vehicles or fixed systems
- Video link or data transmission

Main features & benefits

- High ruggedness
- Excellent RF shield
- Wide temperature range
- Low dimensions
- Low weight
- Low consumption

Video Multiplexer

Electrical specifications

◆ Video channel	5 MHz standard CCIR, PAL, SECAM or NTSC
◆ Data rate	38.4 kb/s asynchrone

Mechanical characteristics

◆ Dimensions	3.54 x 3.34 x 0.98 " (90 x 85 x 25 mm)
◆ Weight	0.44 lb (200 g)
◆ Vibrations	20HZ to 20000Hz 3g eff

Environmental conditions

Operating conditions

◆ Temperature range	-20°C to +65 °C
◆ Relative humidity	35% to 95% non condensing

Non operating conditions

◆ Temperature range	-40°C to +80 °C
◆ Relative humidity	35% to 95% non condensing

Primary power

◆ Voltage	+18VDC to +32VDC
◆ Power consumption	≤ 150mA

Ordering information

■ Model reference

Demodulator

SM517878



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