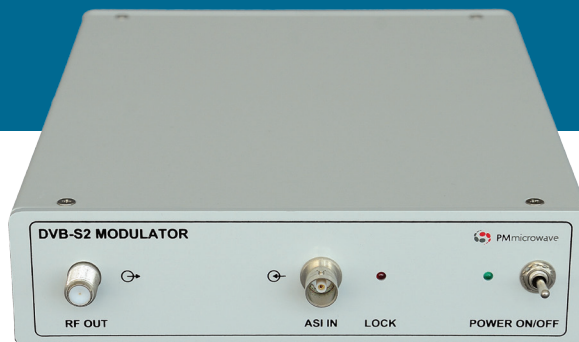


DVB-S2 COMPACT MODULATOR

MDLT-DVBS2-CMPCT



The DVB-S2 Compact modulator is a device for digital satellite transmission of an ASI signal. It is designed for those who need a size and price effective solution with no compromise on performances.

TECHNICAL SPECIFICATIONS*

*specifications may be changed in accordance with the technical department

MODULATOR

Input signal

ASI continuous modes, compliant with EN50083-9
(1 Vpp, BNC, 75 Ω)

RF output frequency

950 ÷ 1550 MHz (100 kHz resolution)

IF output level

-10 ÷ -30 dBm (in 1 dBm steps)

Output signal

DVB-S2 modulated or carrier only

Modulation

DVB-S2 QPSK / 8PSK / 16APSK / 32APSK compliant with
ETSI EN 302 307

FEC

1/4, 1/3, 2/5, 1/2, 3/5, 2/3, 3/4, 4/5, 5/6, 8/9, 9/10

Symbol rate

1 ÷ 30 MSymbol/s (in 1 kSymbol steps)

Roll-off factor

20%, 25%, 35%

Pilot

On / Off

Spectral inversion

On / Off

GENERAL

Control

RS232 (others on request)

Power supply

110 ÷ 240 Vac

Power consumption

20 W typ.

Operating temperature

-10 ÷ +45 °C

Storage temperature

-20 ÷ +80 °C

Storage relative humidity

10% ÷ 80%

Dimensions

Rack 19" 1U (172 × 45 × 214 mm)

Protection degree

IP50