

DVB-T MICROLINK

2-WAY RECEIVER

DML-RT112

The DVB-T MICROLINK system is a compact and reliable solution that allows short distance transmissions of analog or digital videos without the need of a coaxial cable between the transmitter and the receiver. The RF frequency can be selected between 6 channels in the $2450 \div 2500$ MHz band. The 2-way diversity receiver allows to reach great performance even in case of mobile links.



TECHNICAL SPECIFICATIONS*

*specifications may be changed in accordance with the technical department

DEMODULATOR

RF input frequency	2456 ÷ 2496 MHz on 6 channels
Number of RF inputs	2 diversity mode
Output signal	1 ASI (1 Vpp, BNC, 75 Ω)
Sensitivity	typ. -99 dBm
Demodulation	DVB-T COFDM compliant with ETSI EN 300 744
Channel bandwidth	6MHz, 7 MHz, 8 MHz
Carriers	2k mode, 8k mode
Constellation	QPSK, 16QAM, 64QAM
FEC	1/2, 2/3, 3/4, 5/6, 7/8
Guard interval	1/4, 1/8, 1/16, 1/32

VIDEO DECODING

Video output	1 CVBS, 1 SDI
Standard	PAL, NTSC
Decoding	ML, MP@LL, SP@ML MPEG-1 Bitstream (ISO-11172-2) decoder DVB compliant
Video resolution	Up to 720 x 576

GENERAL

RF Control	6 channels via rotary switch
Power supply	12 ÷ 13.8 Vdc
Power consumption	6 W typ.
Operating temperature	-10 ÷ +45 °C
Storage temperature	-20 ÷ +80 °C
Storage relative humidity	10% ÷ 80%
Dimensions	Rack 1U 28TE (172 × 45 × 214 mm)
Protection degree	IP30