

Polytron

SPM-UTCT Card (BC85000)



The Polytron SPM-UTCT is a module that converts two DVB-S/S2, DVB-T/T2 or DVB-C signals into two DVB-C or DVB-T channels.

The independent triple tuner allows for free choice of received signals and provides great freedom when planning distribution systems.

This module is easily programmed via the LCD display on the base unit, eliminating the need for PC requirements. It also can be programmed and administered via LAN.

Features

- Triple Tuner: choice of input signals DVB-S/S2, DVB-T/T2, DVB-C
- Mixed reception possible
- Output signal selectable: DVB-C (QAM), DVB-T (COFDM)
- Channel regenerator with fixed >38dB MER
- MPEG 2 & MPEG 4 capable
- Output channels between 112-862 MHz
- Transponder content can be erased (TSP)
- Logical Channel Numbering (LCN)
- Modification of Network Information Table (NIT)

Specifications

Module Number	5529850	
Input	DVB-S/S2	DVB-T/T2, DVB-C
Input Frequency Range	950 - 2150 MHz	110 - 852 MHz
Input Level	50 - 75 dB μ V	50 – 80 dB μ V
Control	14/18 V / 22kHz / DiSEqC	/
Demodulation	8PSK / QPSK	DVB-T: QPSK, 16QAM, 64QAM
		DVB-C/DVB-T2: QPSK, 16QAM, 64QAM, 256QAM
Symbol Rate DVB-S/S2	2 – 45 MS/s	
Code Rate	/	1/2, 3/5, 2/3, 4/5, 5/6, 7/8
Guard Interval	/	1/4, 1/8, 1
Output	DVB-C / DVB-T	
Output Frequency Range	112 – 860 MHz	
Output Level	90 dB μ V	
Modulation	16 – 256 QAM	
FEC	1/2, 3/5, 2/3, 3/4, 4/5, 5/6, 7/8	
Guard Interval	1/4, 1/8, 1/16, 1/32	
MER (8k/64 QAM)	> 38 dB	
Variable Attenuator	0-10 dB	
Power Consumption	8 W	
Weight	0.5kg	