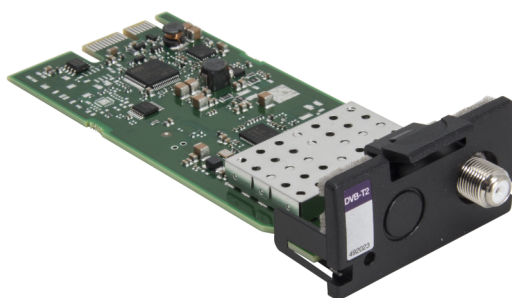


## TDX Frontend - DVB-T/T2 [COFDM]

Art. Number 492023



DVB-T2 input module.  
COFDM demodulator  
Input frequency: 177, 5 - 226,5 / 474-862. Demodulator/Mode: 16QAM, 64QAM / 2k and 8k.

### Technical Specifications

#### ORDER INFORMATION

EAN Number 5702664920230

#### CHARACTERISTICS

Demodulator Type	COFDM
Demodulator	QPSK, 16QAM, 64QAM, 256QAM / 1k, 2k, 8k, 16k, 32k
Input level - QPSK 8K   dBμV	18...91 dBμV
Input level - QAM16   dBμV	25...91 dBμV
Input level - QAM64   dBμV	30...91 dBμV
Input level   dBμV	40 ... 85 dBμV
FFT mode DVB-T	2K, 8K
FFT mode DVB-T2	1K, 2K, 8K, 16K, 32K
Constallations DVB-T	QPSK, 16QAM, 64QAM
Constallations DVB-T2	QPSK, 16QAM, 64QAM, 256QAM
Code rates DVB-T	1/2, 2/3, 3/4, 5/6, 7/8
Code rates DVB-T2	1/2, 2/3, 3/4, 5/6
Guard Interval DVB-T	1/4, 1/8, 1/16, 1/32
Guard interval DVB-T2	1/4, 1/8, 1/16, 1/32, 1/128

#### FREQUENCY RANGE

Input frequency range | MHz 177.5 - 226.5 / 474 - 858 MHz  
Bandwidth | MHz 7/8 MHz

#### GAIN



## Technical Specifications

Input noise figure | dB < 7.0 dB

### RETURN LOSS

Input return loss | dB > 6.0 dB

### OPERATIONAL

DC Operating voltage | VDC  $12 \pm 1$  VDC

DC Current consumption | mA 275 mA

Temperature - storage | °C -20 ..70 °C

Humidity - storage | % 10...90 %

### MECHANICAL

Weight (kg) TB(D) | kg 0.06 kg

Packaging Height | m 0.040 m

Packaging Width | m 0.075 m

Packaging Depth | m 0.175 m

Packaging Volume | m3 0.001 m3

Net Weight | kg 0.047 kg

Tara Weight | kg 0.033 kg

Total Weight | kg 0.080 kg