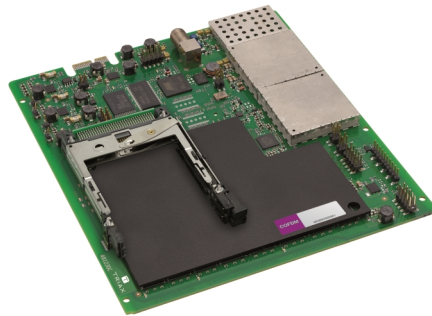# TRIAX

connecting the future

TDH 800 Backend - COFDM -2CI

Art. Number   692861

Quad COFDM backend module - with 2 x CI slots. The TDH 800 quad COFDM backend module is an output module that enables you to create up to 4 muxes of services / TV programs which are available from the TDH 800 pool. The services are distributed in a COFDM data stream. The services can be combined so that the bandwidth of each output mux is used in an optimal way. The mux bandwidth monitor function in the TDH 800 service tool ensure that you don't overload the bandwidth and cause problems with the transmission. The COFDM output modules is delivered with 2 CI slots for decryption.

Technical Specifications

ORDER INFORMATION	
EAN Number	5702666928616
CHARACTERISTICS	
Spurious Signals	dB	> 60 dB
Carrier supported	2K
Guard Interval	1/32, 1/16, 1/8, 1/4
TER - FEC rate	1/2, 2/3, 3/4, 5/6, 7/8
Output QAM Modes	16QAM, 64QAM, QPSK
Output spectrum	Normal
Output level adjustment	dB	+3...-17 dB
Output Level System	dBµV	90.0 ± 1.5 dBµV
MER	dB	≥ 35.0 dB
FREQUENCY RANGE	
Output frequency range	MHz	50.5 - 858 MHz
Channel Raster	MHz	7, 8, 8.5 MHz
Frequency step	kHz	250 kHz
RETURN LOSS	
Output Return Loss	dB	> 10 dB

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Technical Specifications

OPERATIONAL

CI slots	2
DC Operating voltage | VDC	12 ± 1 VDC
DC Current consumption | mA	1200 mA
Temperature - storage | °C	-20 ..70 °C
Humidity - storage | %	10...90 %

MECHANICAL

Packaging Height | m	0.060 m
Packaging Width | m	0.180 m
Packaging Depth | m	0.270 m
Packaging Volume | m3	0.003 m3
Net Weight | kg	0.290 kg
Tara Weight | kg	0.000 kg
Total Weight | kg	0.290 kg

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