TERRA

Mini modular headend MMH3000
MPEG2 TS remultiplexers-modulators

Multiplexing up to 6 transport streams and converting into COFDM/QAM modulated DVB-T/DVB-C RF channel.

- TS processing:
  EPG multiplexing
  PCR restamping
  service filtering
  PSI/SI regeneration
  NIT generation
- connectors:
  6xMPEG TS inputs
  MPEG2 TS output (multiplexed)

trx360
COFDM remultiplexer-modulator
trq360
QAM remultiplexer-modulator

Technical specifications

T Y P E		trx360	trq360
Ordering number		13844	13849
TS input type		serial	
TS input channels		6	
TS output type		serial	
TS input bit rate		< 100 Mbit/s	
TS output bit rate		< 31 Mbit/s	< 53 Mbit/s
RF output	frequency range pr.	110 - 860 MHz	
	level/impedance	90 dBμV/75 Ω	
	output C/N	$\geq$ 50 dB	
	MER	$\geq$ 35 dB	$\geq$ 40 dB
	modulation pr.	QPSK, QAM16, QAM64	QAM16, QAM32, QAM64, QAM128, QAM256
	channel bandwidth pr.	7/8 MHz	4...8.3 MHz
	guard interval pr.	1/4, 1/8, 1/16, 1/32	-
	code rate pr.	1/2, 2/3, 3/4, 5/6, 7/8	-
	transmission mode pr.	2K	-
	symbol rate pr.	-	3.5 ÷ 7.2 MS/s
	output level adjustment range pr.	0 ÷ −15.5 dB by 0.5 dB step	
Current consumption		5.5 V 1.2 A	
Operating temperature range		0º ÷ +50º C	
Dimensions/Weight (packed)		47.5x117x220.5 mm/0.66 kg	

pr. software control