

DTS 397 ASI SPLITTER

GENERAL

The active ASI splitter DTS 397 distributes the electrical input data stream (DVB/ASI) to 8 electrically equivalent outputs.

The DTS 397 is a 19" module requiring 1 rack unit (1 RU) in the 19" rack.

One ASI test port is located on the front panel.

Six LEDs indicate the operating status.

The electrical input- and output ports are placed at the rear of the module.

The DTS 397 has a redundant ASI input

In case of an error of the standard ASI input the internal ASI input control will switch to the redundant ASI input automatically.

FUNCTION

The input data stream can be composed byte-wise and/or packet-wise according to DVB.

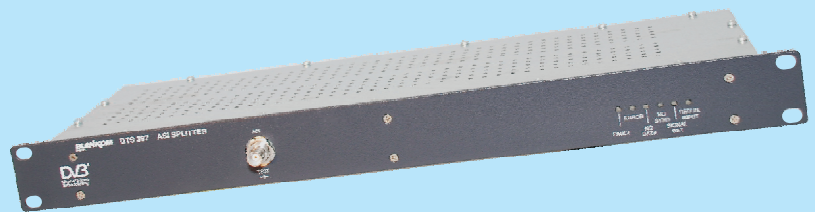
The MPEG-2 data in the ASI signal stream is available at the outputs as packets.

Signal processing in the ASI interface is done according to DVB, Asynchronous Serial Interface (ASI).

Only MPEG data meeting the MPEG-2 standard ISO/IEC 13818-1 is transmitted.



NEW



FEATURES

- MPEG-2 and DVB compliant
- DVB/ASI Input and DVB/ASI Outputs (1 to 8, 1 Test Port) (1 to 4, upon request)
- Useful Data Rate 0.1 to 200 Mbit/s
- Redundant ASI-Input
- Automatic 188/204 Byte Detection
- Redundant Power Supply
- 19" Module, 1 RU



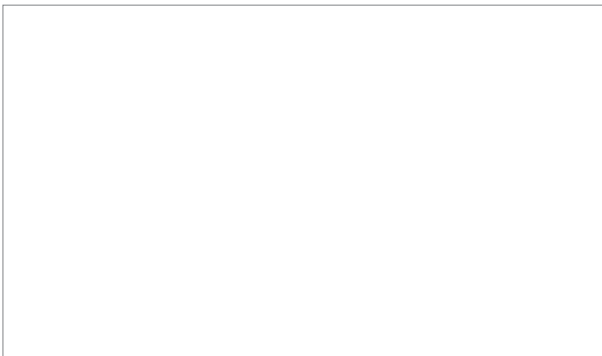
**DTS 397
ASI Splitter**

TECHNICAL SPECIFICATIONS

■ DTS 397 ASI Splitter

Input 1 x electrical interface Connectors	DVB/ASI (EN 50083-9) BNC, 75 Ohm	Environment Operating temperature	5 °C to 45 °C
Outputs 4/8 x electrical interface 1 x electr. test interface Connectors User data rate	DVB/ASI (4 upon request) DVB/ASI BNC, 75 Ohm 0.1 to 200 Mbit/s	Power Supply with Redundancy DTS 397 (Power Supply Redundancy)	100 ... 240 VAC (Mains Voltage) 50 Hz ... 60 Hz 60 mA max. 10 Watt
Monitoring LED-display (frontpanel)	> FAULT: System Fault LED red > ERROR: Error Data processing LED yellow > NO DATA: Datarate <0.1 Mbit/s LED yellow > NO SYNC: no useful MPEG 2 data LED yellow > SIGN DET: Signal detected LED green > REDUN. INPUT: ASI-Redundancy input active LED orange/green	Mechanical Housing Dimension	19" x 1RU 19" W x 5.3 D x 1.75" H
Alarm Signaling Output	9-pin Sub-Min-D-Buchse dry Relais-Contacts > A-Alarm: Contact 1-2, 2-3 > B-Alarm: Contact 8-7, 8-9	Ordering Information Type	DTS 396 (48V DC) DTS 397 (55...220V DC) DTS 396: D071.01 DTS 397: D072.01 ASI Splitter
Configuration Switch Auto/Remote	> Auto: Redundancy input will be switched automatically > Remote: Redundancy input controlled by remote switch (Sub-Min-D Contact 4/5)	Order #	
Switch Redundancy ON/Redundancy OFF	> ON Redundancy input active (switching in case of input error) > OFF Redundancy input not connected (no switching)	Description	

Your BLANKOM Partner



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DTS 397 ASI Splitter

Associated BLANKOM Products

- EMA 207 4-way MPEG Encoder/Multiplexer
- VEA 107 3-way MPEG Encoder/Multiplexer
- MXA 107 DVB Multiplexer
- SCA 107 DVB Scrambler
- DRP 3xx 8PSK/QPSK, COFDM, QAM, ASI -Receivers/Decoders
- DRD 694 TWIN 8PSK/QPSK Receiver with 2 ASI and GigE outputs
- DIP 120/121 ASI ↔ IP Gateways (Bi-directional)
- ITB 100 Modular ASI ↔ IP Transcoder (Bi-directional)
- EQM 10x Edge QAM Modulator (IP to 24 x QAM/RF)