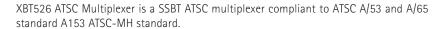
XBT 526

ATSC Legacy Mux





> XBT 526

Main Features

- Output interleaved transport stream by multiplexing Legacy ATSC input and place holder stream with predefined PID for MH dat
- Output interleaved Transport stream formed by multiplexed Transport stream and a MH transport stream with predefined PI
- Table PSI insertion
- 16 Carousel of PSI/SI tables with variable bit rate
- Storage of internal carousels content
- Graphical display of input TS data based on SI/PSI analysis
- Output bit rate at exact 19.39 Mbps in 6 Mhz channel.







	INPUTS TO MULTIPLEXER ARE:		
8 ASI o	8 SSI transport streams		
	nnector for multiplexer extension		
2 RTP clients for RTP/UDP encapsulated Transport Streams on 2 different ports of a single IP address			
OUTPUTS FROM MULTIPLEXER ARE:			
4 ASI transport streams carrying all the same transport stream out			
1 RTP/UDP Server carrying encapsulated Transport stream			
SPI output for system extension			
AS ANY MULTIPLEXER OF THE XBT FAMILY, IT HAS BUILT-IN:			
Web server to dispatch a Java applet for interactive management			
Java applet tested on most popular browser			
Java applet downloadable for local execution			
SNMP server for remote control GPS receiver capable of synchronizing internal time generators			
Internal file system accessible via TCP/IP and TFTP protocols for easyremote upgrade			
Telnet server for access via character based terminals			
Geographical coordinates available			
Battery powered local time clock automatically synchronized to UTC			
8 trap address for automatic alarm/monitoring			
PHYSICAL			
1U rack frame			
Size:	AO OFF		
W:	19,05" 1,7"		
Lbs:	8,81 (kg 4)		
Size			
D:	13,62"		
	POWER SUPPLY		
90-270	VAC PFC corrected power supply		
Nomina	power 38 VA		
Power f	actor: 0.95		
	ush current 15A		
	w for extra ground connection		
Power cord: US standard ASI INPUTS			
EN 500	083-9 compliant		
BNC connectors 75 ohm			
ATSC bit rate			
SSI INPUTS			
EN 500083-9 compliant			
DB25 female connector			
ATSC bit rate			
	SPI INPUTS		
EN 500083-9 compliant DB25 female connector			
ATSC bit rate			
ETHERNET CONNECTION			
10/100/1000 Mbit Thernet connector 1 IP address for web server, management, SNMP server, Telnet, TFTP and remote update			
1 IP address for RTP/UDP server			
1 IP address for RTP/UDP client			
RTP protocol: ProMpeg cop3 with no FEC packet processing/ generation			
Optiona	I NTP client		
GPS INPUT			
TNC connector 50 ohm			
Phantom power 3 Volt 50 mA short circuit protected			
GPS L1			
	12 channel simultaneous operation 45 s typical cold start TTFF		
	ical warm start TTFF		
	cal hot start TTFF		
	eacquisition		
Consision	Sensitivity Acquisition/Tracking -185dBW / -185dBW 30ns rms accuracy, <10ns resolution		

ASI OUTPUT			
EN 500083-9 compliant			
BNC connectors 75 ohm			
Maximum bit rate 27 Mbytes			
SPI OUTPUT			
EN 500083-9 compliant DB25 female connector			
Maximum bit rate 27 Mbytes			
FRONT PANEL			
4 x 20 alpha displays			
Button navigation			
Basic setup and status			
REFERENCE INPUTS			
	SMB connector		
	1Vpp sine		
10MHz	50 ohm terminated		
	AC coupled		
	option "HIZ" available		
	SMB connector		
	0.4 VIL		
1 sec PPS	1.7 VIH		
. 300.13	Dc coupled		
	50 ohm terminated		
	Option "HIZ" available		
	REFERENCE OUTPUTS		
	SMB connector		
	1Vpp sine		
10MHz	50 ohm		
	DC coupled		
	SMB connector		
	0.2 VOL @ 64 mA IOL		
1 sec PPS	2.2 VOH @ 64 mA IOH		
	Dc coupled		
	50 ohm capable		
REI	MOTE CONTROL INTERFACES		
	Dedicated DB9 connector		
DC 000	Data only		
RS-232	Also available on remote control DB25 connector		
	230kbit		
	4 relays for alarm/info		
	NO & NC contacts at connector		
	Available on remote control DB25 connector		
Relays	Opto couplers		
	4 opto couplers for command		
	Internal floating current generator		
	Common anode		
	2 mA max on current		
Functions	Default: 1 relay alarm/ok Option "N1": use relay and opto for SSBT N+1 system		
SOFTWARE			
Java applet requires Java 6 Version 13 or more recent Java applet tested on Safari, Internet Explorer, Mozilla			
Browser will download automatically suitable version of Java if connected to internet			
SNMP is version 2 complian			
MIB files included in CD			

