

ASI selector

ASI distributor

TYPES

ASI selector
EAS 1401
EAS 2401

ASI distributor
EAD 1104
EAD 2104
EAD 3104



Elti has developed ...

... an ASI selector and ASI distributor for extreme sensitive redundancy applications in DVB broadcasting.

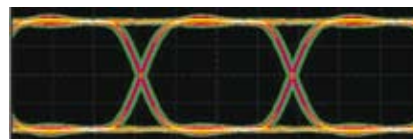
Following the need for redundancy systems in DVB broadcasting and rounding up Elti complete solution ASI selector and ASI distributor provide the key in stability and functionality in redundancy systems.

Advanced reclocking function enables the use of signals in all situations.

Example of DVB-ASI signal before and after ASI selector or ASI distributor.



Signal before



Signal after

specifications

ASI selector

FEATURES	
Reclocking	
Cable equalizing	
Input selector	
INPUTS	
Number of inputs	EAS 1401: 4 inputs EAS 2401: 4 inputs for each module (2 modules)
Signal type	DVB-ASI 270 Mb/s
Connector	BNC (IEC169-8)
Impedance	75 ohms
Return loss	18 dB to 540 MHz
OUTPUTS	
Signal type	DVB-ASI 270 Mb/s
Number of outputs	2 for each module
Connector	BNC (IEC169-8)
Impedance	75 ohms
Return loss	18 dB to 540 MHz
Signal amplitude	800 mV \pm 10%
DC offset	0,0 V \pm 0,5 V
Overshoot	<10% of amplitude
Rise time	< 1,2 ns
Jitter	< 0,2 UI peak-to-peak
REMOTE MONITORING	
RS232, RS422, RS485	DB9 Female
Communication protocol	ASCII
OTHER SPECIFICATIONS	
Power Supply	85 - 264 V AC, 47 - 60 Hz
Consumption	< 10 VA
Cabinet	19 " rack , 1U , 180 mm depth

ASI distributor

FEATURES	
Reclocking	
Cable equalizing	
Distribution of DVB-ASI input to several outputs	
Chaining of more units is possible, thus gaining the possibility to have 1 to X distribution	
INPUTS	
Signal type	DVB-ASI 270 Mb/s
Number of inputs	1 for each module
Connector	BNC (IEC169-8)
Impedance	75 ohms
Return loss	18 dB to 540 MHz
OUTPUTS	
Signal type	DVB-ASI 270 Mb/s
Number of outputs	EAD 1104: 4 outputs EAD 2104: 7 outputs chaining (or 2x4 separated modules) EAD 3104: 10 outputs chaining (or 3x4 separated modules)
Connector	BNC (IEC169-8)
Impedance	75 ohms
Return loss	18 dB to 540 MHz
Signal amplitude	800 mV \pm 10%
DC offset	0,0 V \pm 0,5 V
Overshoot	<10% of amplitude
Rise time	< 1,2 ns
Jitter	< 0,2 UI peak-to-peak
OTHER SPECIFICATIONS	
Power Supply	85 - 264 V AC, 47 - 60 Hz
Consumption	< 10 VA
Cabinet	19 " rack , 1U , 180 mm depth