

## **SES155-X STM-1 switch „1 of 2“**

Both input signals A and B pass automatic cable equalizers to cope with long coaxial cables.

A PLL based re-timer circuitry re-clocks input A resp. input B signal, providing standard compliant signals to the internal selector switch.

Both the cable equalizer and the PLL circuitry provide status and alarm signals, based on the quality of the applied signals A resp. B.

All internal status/ alarm signals, as well as results of measurements, are processed by a micro controller. Based on programmable parameters, the uC controls the switch, the relays, drives the indication LED and communicates with the system controller module SMI-X.

In case of power fail the last switching pass will hold.

The switching delay can be set by software.

### **Technical data**

Signal format	el. STM-1 signal acc to G.703
Outputs	2, buffered
Output level	0,8 Vss nominal
Input impedance	75 $\Omega$
Output impedance	75 $\Omega$
Connectors	BNC type 75 Ohm, IEC169/8
Detector criteria	LOS <i>software selectable:</i> Frame detect
Indicators	LED yellow – module active LED green - signal applied o.k. (A and B) LED green – switch position A or B
Supply current	typ. 650 mA

**SES155-X** is a product of Headroom Broadcast. It belongs to the group of monitoring and switching devices for video, audio and telecom signals, covering single purpose stand-alone devices as well as multi format modular systems for signal management.