



# HR-SAP100ST

## Splitter ADSL POTS/ZC1/4KHz/ST

The ADSL Splitter separates the signal POTS (Plain Old Telephone Service) (voice) from the ADSL signal (data) allowing the simultaneous transmission of both services using the same cable (phone cable).

**It include a switch and test system for easy voice and data maintenance from the same splitter.**

It allows to have in the subscriber's house two independent lines, voice and data, therefore all the analogical equipment can be used at the same time (telephones, fax, alarms, etc.), without the need of a microfilter for every equipment and without affecting the actual installation.

**SAP100ST** - To be used in conventional lines (POTS) and without billing tone.

**Countries:** Sweden, Switzerland, Australia.

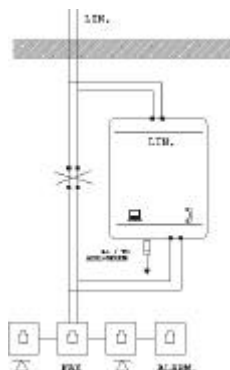


- Ready for new ADSL 2 + technology
- Plastic material V.O. (Fireproof)
- RJ11 connector with gold covering (50µ"")
- Exclusive design.
- Overvoltage protection with gas discharger.
- Designed according environment regulation ETS300019 part.1-1, class1.2; part1-2, class2.3; part.1-3, class3.2

### Technical requirements

Voice specifications		General specifications	
Pass band (P.b.)	0-4 KHz	Resistance in loop	< 50 Ω
Line impedance	150nf // 750Ω±270Ω	Line/ground isolation resistance	> 100 M Ω
Insertion losses in (B.p.)	< 1dB	Isolation resistance line	> 10 M Ω
Distortion of insert losses in (B.p.)	< 0,5 dB	Line connectors	1 clamp connector
Return losses in (B.p.)	> 20 dB	Phone connectors	1 RJ11 / 1 clamp connector
ADSL band attenuation (32 KHz – 2,2 MHz)	> 55 dB	ADSL data connectors	1 RJ45 / 1 clamp connector
Maximum current (Imax) d.c.	100 mA	Wall mounting	2 screws /2plastic screws / plastic holder
<b>ADSL Specifications</b>		Surface mounting	Plastic holder
Impedance	100 Ω	Dimensions	(108x69x29) mm
Return losses (30 to 1,1Khz)	10 dB	Weight	150gr

### Installation and connections



**Installation diagram**

The ADSL splitter must be placed in the entrance line point before any other equipment from the internal network.  
Fixing: With a plastic holder and 2 screws.



**Two connection options**

The connection can be done with clamp connectors (previously stripped at 7 mm) of phone cables, or with RJ11 connector .



**It contains**

- Splitter ADSL HR-SAP100ST
- 2 screws and 2 plastic plugs.
- Wall plastic holder.
- Installation instructions.