



### SAM-VDSL

VDSL2 (8A) splitter module, profile 8A (8.5MHz)

### Features

- Optimized for VDSL2 8A Profile
- Accommodates filtering of any line
- RJ11 or 110 unfiltered output to modem
- Built-in Low Pass Filter

### Product Description

This DSL splitter module allows homeowners to split the phone and data signal with one centrally based module that easily snaps into any SOHO Access™ Enclosure.

### Specifications

VDSL2 Profile	8A (8.5 MHz)
REN	.4B(ac) or in ACTA terms "04B"
DC Loop Current	0 to 100 mA
DC Loop Voltage (tip to ring)	0 to -60 Vdc
Ringing Signals	103 Vrms superimposed on the DC Loop Voltage 20 to 30 Hz
DC Resistance	< 25 ohms, POTS tip-to-ring with Line port (U-R) shorted

#### Voice Band Measurements per G.992.2 Annex E.2

Insertion Loss @ 1004Hz	< 0.25dB
Insertion Loss Distortion	< 1dB
xDSL Band Attenuation	> 55dB

#### Voice Band Return Loss

ERL	> 6dB
SRL -LO	> 5dB
SRL -HI	> 3dB

#### Low Pass Filter Stage (25KHz -8.5MHz)

Insertion Loss	< 1dB
Return Loss	> 12dB
Attenuation (12MHz - 30MHz)	> 40dB

Dimensions ----- 2.5"H x 6.5"W x 1.125"D

Safety ----- cULus, FCC approved

