



## Sitecom Product Specifications Sheet

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**Product code:** DC-212  
**Product:** ADSL Splitter  
**EAN Code:** 8716502003570  
**Qty. masterpack/carton:** 6/24

**Product weight:** 42g  
**Product dimensions:** 65 X 34 X 110 mm  
**Gift box weight:** 76g  
**Gift box dimensions:** 235 X160CM  
**Masterpack Weight:** 1,075G  
**Masterpack Dimensions:** 237 X 163 X 180mm  
**Carton weight:** 4300 G  
**Carton dimensions:** 356 X 267 X 390mm

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Using this ADSL Splitter, your telephone line can be split between your ADSL modem and a normal telephone line (subject to ISP subscription). This enables telephone calls and use of your broadband internet connection possible at the same time





**Box content :**

- ADSL Splitter

**Key features:**

- Splits your ADSL cable in two

**Technical specifications:**

Frequency range	
Splitter bandwidth	DC to 16KHz
Nominal voice band	0.3KHz to 3.4KHz
Billing tone	12KHz±80Hz
Ringing frequency	15.3Hz to 68Hz
ADSL band	30KHz to 1104KHz
Line Impedance ZL	600ohm
CO impedance ZTc	600ohm
RT impedance ZTr	600ohm
Modem impedance	30KHz<f<1104KHz

**Current voice band**

Loop current	<100mA
Transient current(on/off hook)	<150mA
Isolation resistance between any wire and earth	<10 Mohm
Isolation resistance between wires	<1 Mohm

**Voice-band characteristic single filter**

Insertion loss	1KHz	<1.0 dB
Attenuation distortion	200Hz<f<4KHz	<±1 dB
Delay distortion	200Hz<f<4KHz	<200 usec
Return loss from line side	300Hz<f<500Hz	>=14 dB
	500Hz<f<2KHz	>= 18 dB
	2KHz<f<3.4KHz	>=14 dB

**Longitudinal conversion loss LCL**

50 to 600Hz	>=46 dB
600Hz to 3.4 KHz	>=52 dB

**Voice-band charateristic for four filters**

Insertion loss	1KHz	<1 dB
Attenuation distortion	00Hz<f<4KHz	±1 dB
Return loss from phone side	200Hz<f<2KHz	>18dB
	2KHz<f<3.4KHz	>14dB

**ADSL band characteristic**

Stop band attenuation	32KHz	>55dB
	80KHz<f<1104KHz	>55dB