



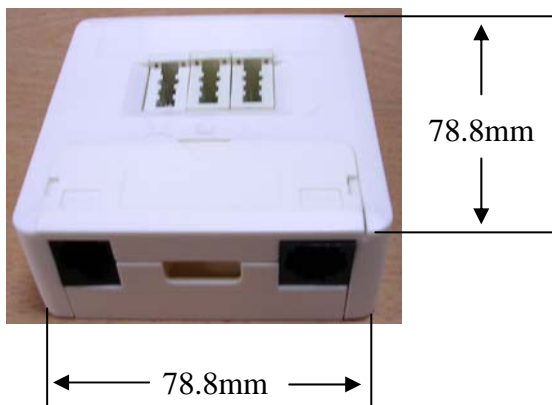
The VS0028 is a splitter module that has been specifically designed to implement the functionality of low pass filter in VDSL over ISDN application.

VS0028 had also included protection circuit to provide additional protection against line overstress which could damage the splitter itself or ATU-R.

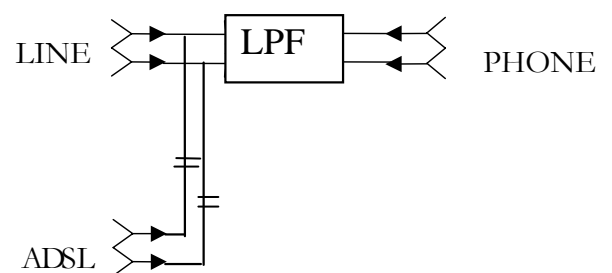
### Specifications

Port Impedance	150 /220 ohms	Return Loss	0.1-60KHz	16 dB Min
Insertion Loss	0.1-60KHz		60-80KHz	14 dB Min
			60-80KHz	-2.0dB Max
POTS	1KHz		POTS 0.2-0.6KHz	12 dB Min
			0.6-1.6KHz	15 dB Min
	0.2-4KHz @1KHz		1.6-3.4KHz	12 dB Min
Attenuation @ 138 KHz				
		-55dB Min	DC Resistance each line	12.5 ohms Max
	@150 KHz-1.1MHz	-65dB Min	Isolation resistance tip/ring	5M ohm Min
	@1.1MHz-30MHz	-55dB Min		
Delay Distortion	0.1-80KHz	20uS Max		

### Dimension



### Schematic



#### Note

1. Data sheet subject to change without notice
2. RoHS printed for Lead Free product,  
Add "LF" to order Lead Free product

Connector Function		Style	Tip	Ring
Amt	Line	RJ11	Pin1	Pin6
Con3	Phone	TAE	W	E
DSL	ADSL	RJ45	Pin4	Pin5

#### Head Office & Factory

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**PRELIMINARY**

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