



深圳市华百年电子有限公司

SHENZHEN HBY ELECTRONICS CO.,LTD.

规格书

specification

产品名称 Product Name	VDSL 语音分离器 VDSL SPLITTER		
产品型号 Product Model	SP36115B		
			
	制作 DRAWN UP	审核 CHECKED	批准 APPROVED
姓名 NAME			
日期 DATE			

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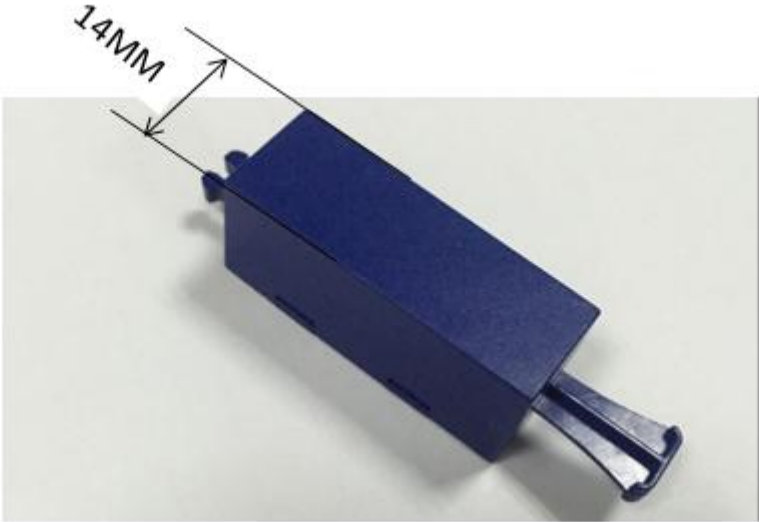
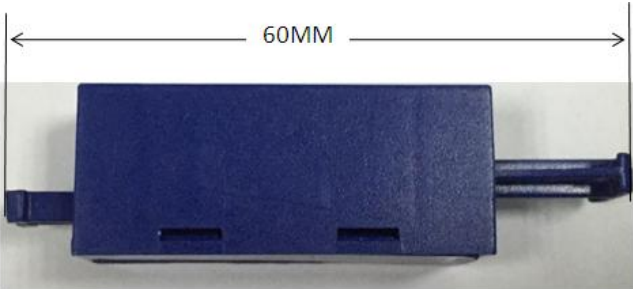
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1 Mechanical characteristics

1.1 Housing

- Housing size (MM) -see picture



- Material: ABS+V0
- Color: PANTONE 294C



产品型号
Product Model

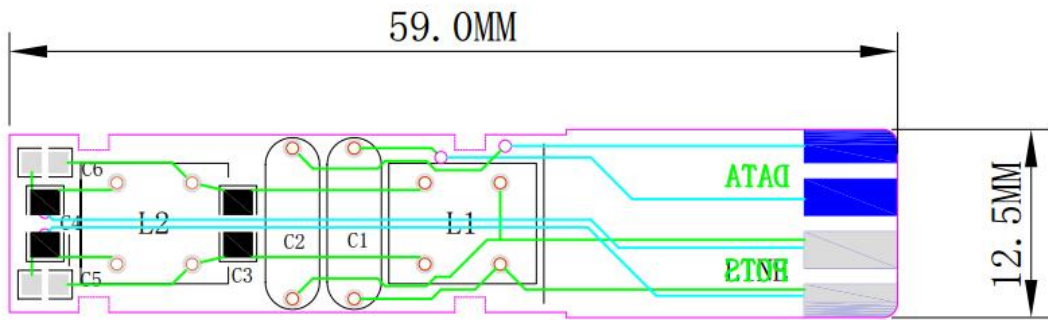
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PANTONE 294C

1.2 PCB

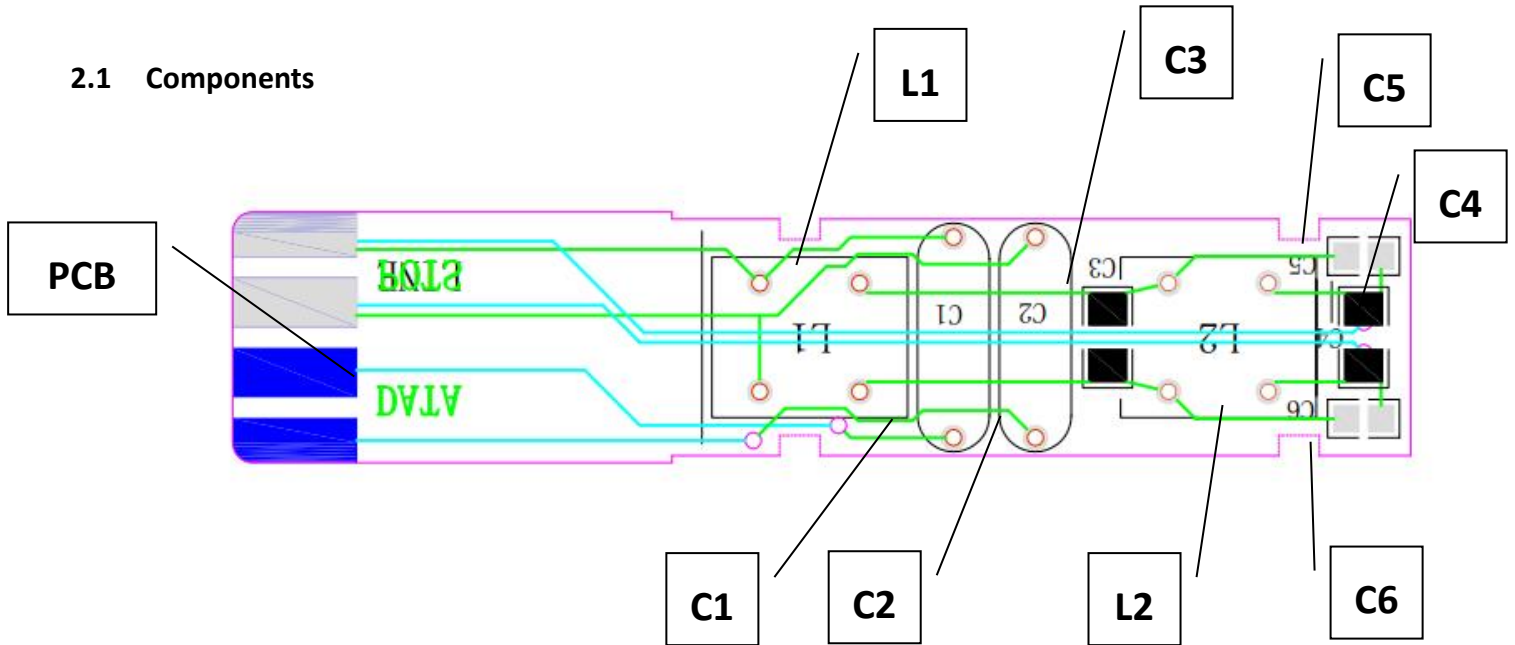
- Material:RF4
- Thickness: 1.6 mm ± 10%
- Number of metallic layers:2
- Copper thickness: 10 - 20 μ m
- Technology:HASL
- Size (MM) :59*12.5





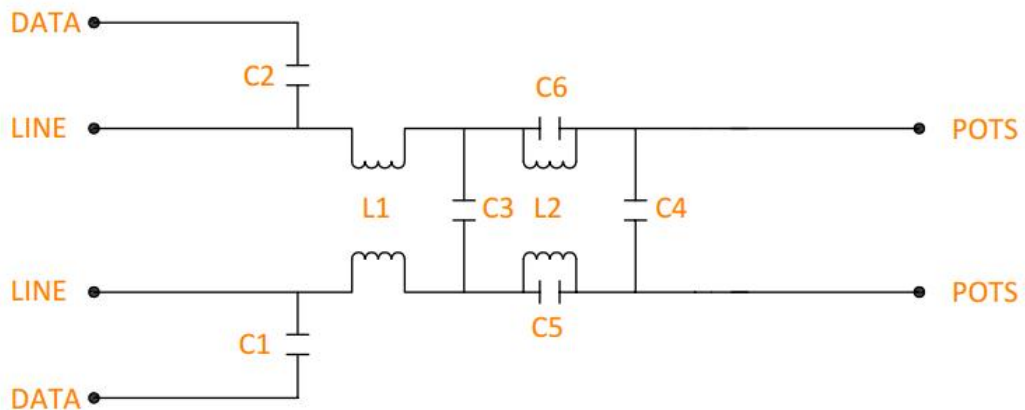
2 Product structure

2.1 Components



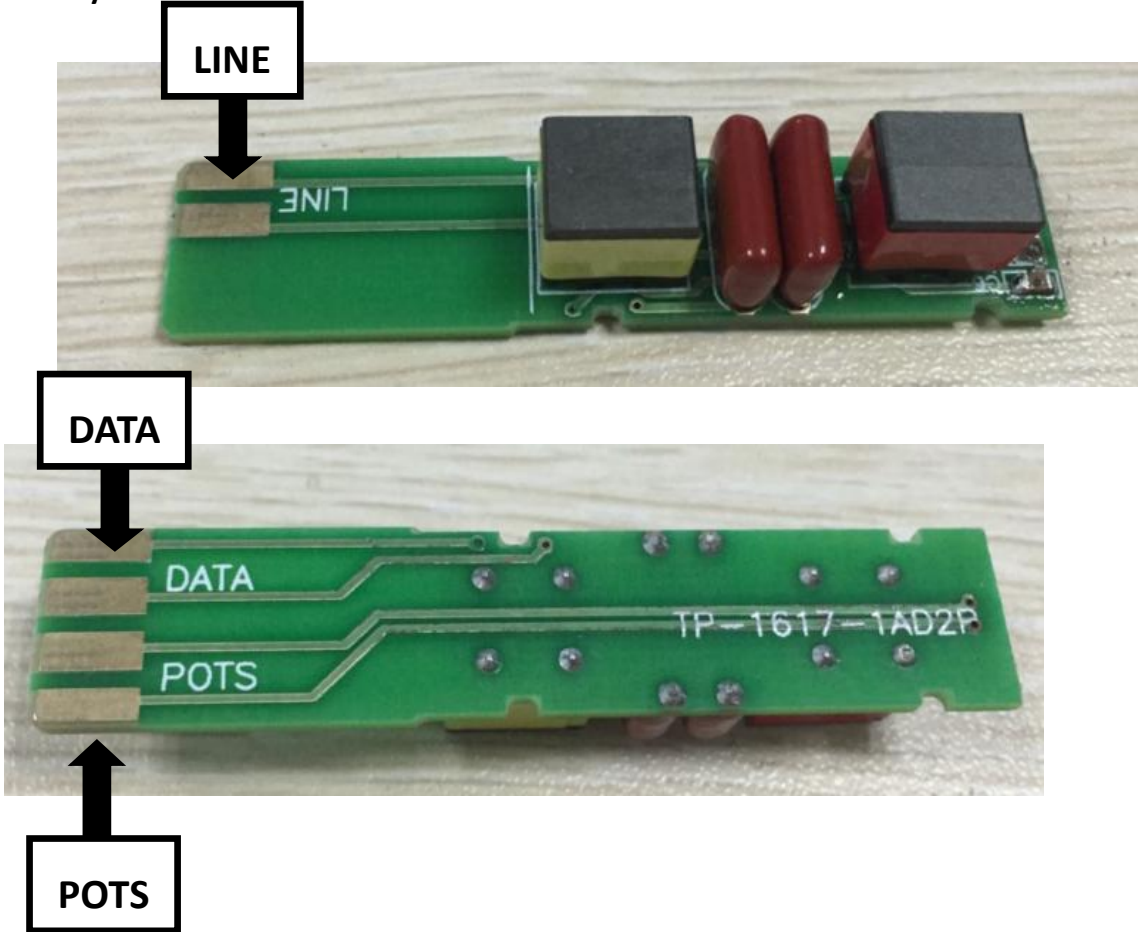
3 Electrical performance

3.1 Circuit schematic





3.2 Circuit layout





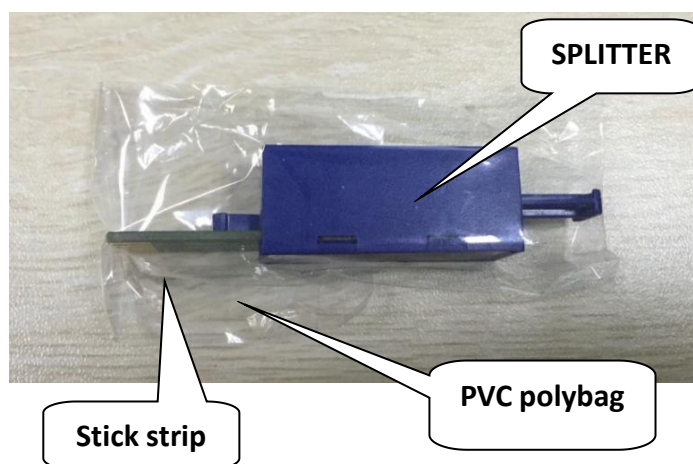
3.3 Electrical specification

POST PORT IMPEDANCE		Zr=600 Ω
Insertion loss	@ 1000Hz	<0.3dB
Distortion	200 Hz<f<3.4 kHz with 1000Hz center	<± 1 dB
Return loss	300 Hz< f< 500 Hz	>=14 dB
	500 Hz< f< 2000 Hz	>=18 dB
	2000 Hz< f< 3400 Hz	>=14 dB
Longitudinal conversion loss LCL	50 Hz< f< 600 Hz	> =46 dB
	600 Hz< f< 3400 Hz	>=52dB
	4000 Hz< f< 30K Hz	>=40dB
	30K Hz< f< 1104K Hz	>=50dB
	1104K Hz< f< 4.4 MHz	>=30 dB
Delay distortion	200 Hz<f<600Hz	<250 u sec
	600 Hz<f<3200Hz	<200 u sec
	3200 Hz<f<4000Hz	<250 u sec
Insertion resistance		<50 Ω
Isolation resistance, branch-branch	100 VDC; term = ∞ Ω	>5MΩ
Stop band attenuation	30kHz<f<138KkHz	>45dB
	138 kHz<f<4.4MkHz	>55dB

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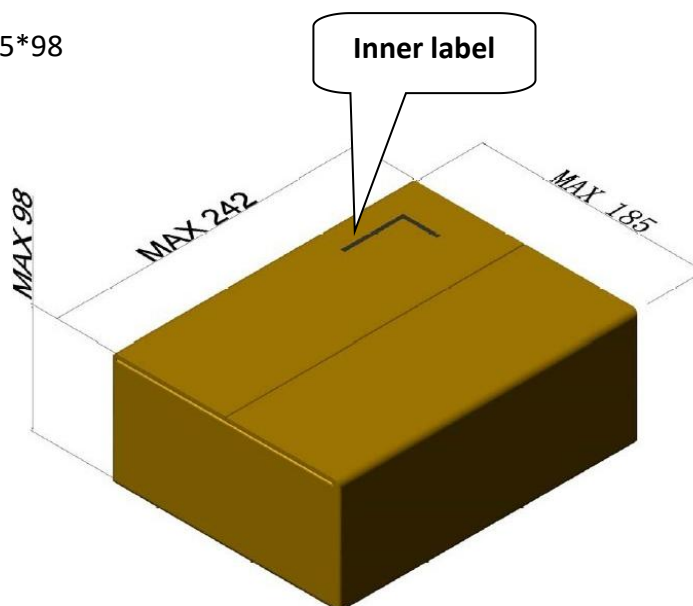
4 Packing

4.1 SPLITTER packing: PVC polybag (unit: MM)



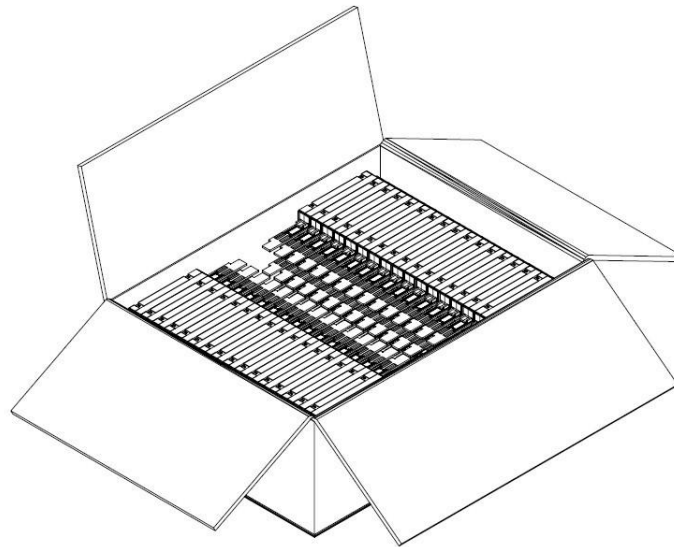
4.2 Inner packing

- Material:K8K
- Dimension(MM):242*185*98



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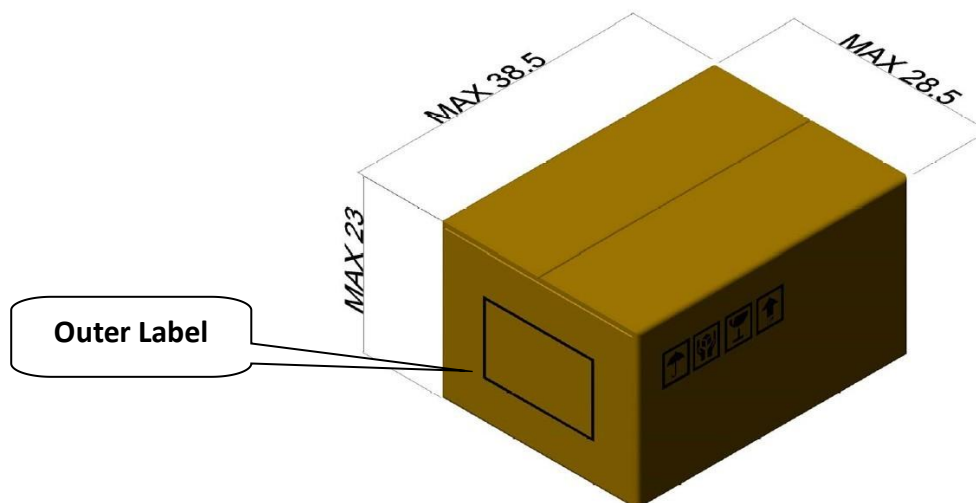
- Place(Schematic diagram)



- QTY(PCS):200
- G.W.(KG):2.1
- N.W(KG):2.3

4.3 Outer Packing

- Material:K8K
- Dimension (CM) :38*28*23

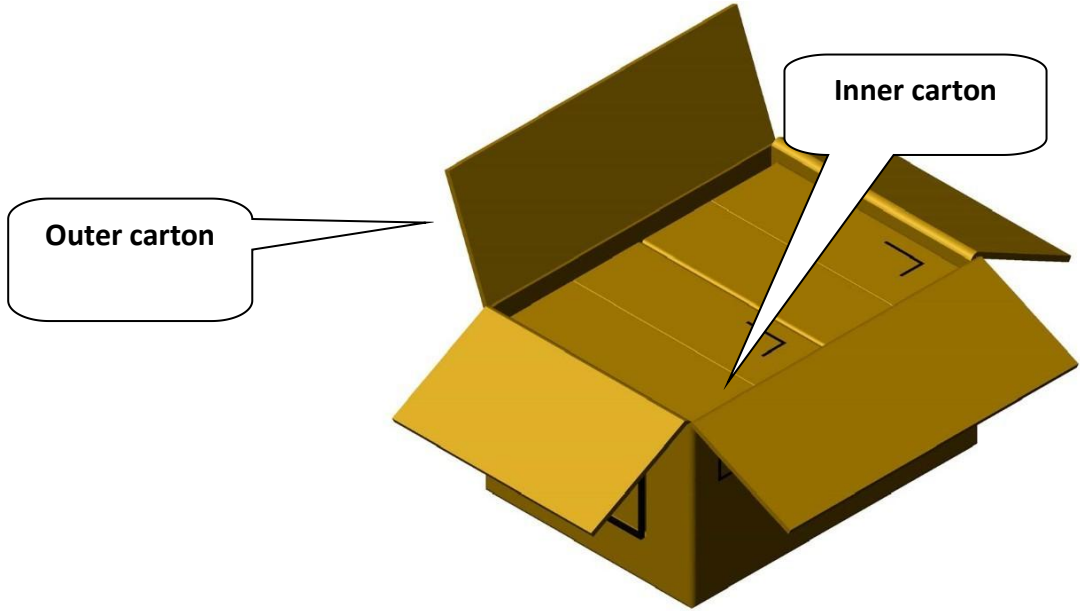




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- Four small cartons in a outer carton



- QTY:800
- G.W.:9.7
- N.W.:9.2