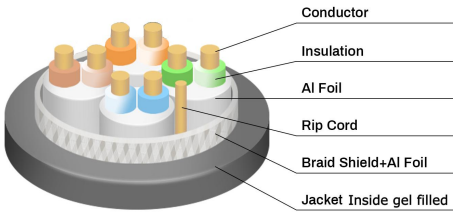
产 品 规 格 书 Product Specification

品 名 Product	CAT6 SFTP 23AWG Soild Copper	单号 NO.	201sd30-210	页数 Page	1 for 2

一.结构及物理特性 Configuration & Physical Characters

结构说明 Construction Description		A．蓝绞白注蓝条 Blue/white-blue	
		B．橙绞白注橙条 Orange/white-orange	
		C．绿绞白注绿条Green/white-green	
		D．棕绞白注棕条Brown/white-brown	

1. 导体 Conductor	材料Materail	SOLID COPPER	
	规格Size	23AWG	
	外径OD	0.585±0.02mm	
2. 绝缘 Insulation	材料Materail	Foam Skin HDPE material	
	厚度Thickness	0.37mm	
	直径Diameter	1.38±0.02mm	
	颜色Colors	Blue/white-blue, Orange/white-orange, Green/white-green, Brown/white-brown	
3.屏蔽 Shieled	材料Materail	AL foil for each pair	
		Braid: 96*0.12mm AL-MG	
4. 绞对 Twist Pair	A. 蓝绞白注蓝条, 绞距12.49mm Z向	Blue×white-blue	
	B. 橙绞白注橙条, 绞距16.35mm Z向	Orange×white-orange	
	C. 绿绞白注绿条, 绞距11.7mm Z向	Green×white-green	
	D. 棕绞白注棕条, 绞距19.6mm Z向	Brown×white-brown	
5. 外被 Jacket	材料Materail	PVC+PE	
	厚度Thickness	0.6±0.01mm	
	直径Diameter	8.0±0.15mm	
6. 印字内容 Priting Marking	VIPON CABLE CAT6 ***M		

二.电器特性 Electrical Characteristics

1.等级温度 Temperature Rating	75°C
2.火花测试 Spare Test	2000±250V
3.耐温强度 Dielectric Strength	2500V dc/3 seconds
4.绝缘阻抗 Insulation Resistance Test	MIN 150MΩ/KM
5.导体电阻 Conductor Resistance	MAX 9.38Ω/100m at20°C
6.电阻不平衡 Resistance Unbalance	MAX 5%
7.电容不平衡 Capacitance Unbalance	MAX 300pf/100M
8.相对电容 Mutual Capacitance	MAX 5600pf/100M
9.特性阻抗 Impedance 1~100MHz	100Ω±12%
100~350MHz	100Ω±15%
500-1000MHz	100Ω±25%

10.衰减及串音 Attenuation & Near end cross- talk		Attenuation (dB/100M at20°C)MAX	Next (dB).MIN	Return Loss (Min dB)
	1MHz	2.1*	78*	
	4MHz	3.7*	78*	23*
	10MHz	5.8*	78*	25*
	62.5MHz	14.6*	78*	21.5*
	100MHz	18.5*	75.4*	20.1*
	155MHz	23.2*	72.5*	18.8*
	200MHz	26.5*	70.9*	18*
	300MHz	32.7*	68.2*	17.3*
	400MHz	38*	66.4*	17.3*
	600MHz	47.1*	63.7*	17.3*

标上星号的值仅供参考，在室温时任何一对组合的串音结合损失是比下列公司计算出的值大

The asterisked (*) value are for information only. The minimum Next coupling loss for any pair combination at room temperature is to be greater than the value determined using the