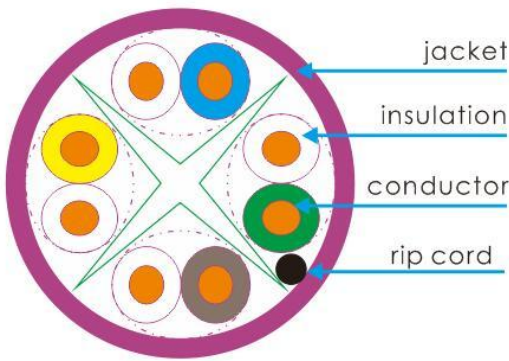


Data Sheet 技术规格书

TYPE 型号: KEG.X6			CATEGORY 6 CABLE,UTP,4 PAIRS,100 Ω ,PVC			
Physical 结构			Conductor 导体: Material 材质: solid bare copper 实心裸铜 Diameter 直径: 0.55±0.005mm /23AWG Insulation 绝缘: Material 材质: HDPE Diameter 直径: 1.0±0.02mm Cross skeleton 骨架: 4.5*0.45mm Rip cord 撕裂线: optional 可选择的 Jacket 护套: Material 材质: PVC Diameter 外径: 6±0.5mm Thickness 壁厚: ≥0.5mm			
						
Complies with Class E & Cat 6 standards,Supports applications up to 250MHz.						
Physical Characteristics 物理性能			Electrical Characteristics 电气性能 (20℃)			
Conductor Elongation ratio 导体伸长率: ≥15%			Linear resistance 导体电阻: ≤9.5 Ω /100m			
Insulation Tensile strength 绝缘抗张强度: ≥16MPa			insulation resistance 绝缘电阻: ≥5000M Ω /km			
Insulation Elongation ratio 绝缘伸长率: ≥300%			Mutual capacity 工作电容 0.8kHz: ≤5.6nF/100m			
Jacket Tensile strength 护套抗张强度: ≥13.5MPa			Unbalance capacity 电容不平衡: ≤330pF/100m			
Jacket Elongation ratio 护套伸长率: ≥150%			Characteristic impedance 特性阻抗:100±15 Ω			
				Dielectric strength 介电强度:DC.1kV.1min no break		
Transmission performance 传输性能(20℃,100m)						
Frequency (MHz)	Return Loss (dB)	Attenuation (dB/100m)	NEXT (dB)	PS NEXT (dB)	EL FEXT (dB/100m)	PS EL FEXT (dB/100m)
1	20	2.2	74.3	72.3	67.8	64.8
4	23	4.0	66.3	63.3	56	53
8	24.5	5.5	61.8	58.8	49.9	46.9
10	25	6.2	60.3	57.3	48	45
16	25	7.8	57.2	54.2	43.9	40.9
20	25	8.7	55.8	52.8	42	39
25	24.3	9.7	54.3	51.3	40	37
31.25	23.6	10.9	52.9	49.9	38.1	35.1
62.50	21.5	15.6	48.4	45.4	32.1	29.1
100	20.1	20	45.3	42.3	28	25
200	18.0	29.2	40.8	37.8	22	19
250	17.3	33	39.3	36.3	20	17
Install info 安装信息			Standard 标准			
working temperature 安装温度: -20℃ to +60℃			ISO/IEC 11801 TIA/EIA 568-C.2 EN50173			
Bending radius 弯曲半径: ≥10×out diameter 外径			RoHS 2011/65/EU REACH EC 1907/2006			