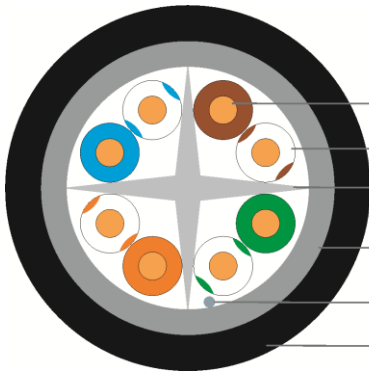


Data Sheet 技术规格书

Doc No.:QE/HT J203-2021

Ver : V1.0

2021/05/24

TYPE 型号: UTP CAT6 0.55 PVC+LDPE				CATEGORY 6 CABLE,UTP,4 PAIRS,100 Ω ,		
Structure 结构  导体 Conductor 绝缘 Insulation 骨架 Cross Filler 护套 Inner Jacket 撕裂线 Rip Cord 护套 Outer Jacket				Conductor 导体: Material 材质: solid bare copper 实心裸铜 Diameter 直径: 0.55±0.008mm /23AWG Insulation 绝缘: Material 材质: HDPE Diameter 直径: 0.98±0.03mm Cross Filler 骨架:有 Rip Cord 撕裂线: optional 可选择的 Inner Jacket 护套: Material 材质: LSZH Diameter 外径: 6.0±0.5mm Average Thickness 平均壁厚: 0.5mm Outer Jacket 护套: Material 材质: LDPE Diameter 外径: 7.2±0.5mm Average Thickness 平均壁厚: 0.6mm		
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% Insulation Tensile strength 绝缘抗张强度: ≥16MPa Insulation Elongation ratio 绝缘伸长率: ≥300% PVC Jacket Tensile strength PVC 护套抗张强度: ≥13.5MPa PVC Jacket Elongation ratio PVC 护套伸长率: ≥150% LDPE Jacket Tensile strength LDPE 护套抗张强度: ≥10MPa LDPE Jacket Elongation ratio LDPE 护套伸长率: ≥300%				Linear Resistance 导体电阻: ≤9.5Ω/100m Insulation Resistance 绝缘电阻: ≥5000MΩ.km Characteristic Impedance 特性阻抗:100±15Ω Dielectric Strengt 介电强度:DC.1kV.1min no breakdown		
Transmission performance 传输性能(20℃,100m)						
Frequency (MHz)	ReturnLoss (dB)	Attenuation (dB/100m)	NEXT (dB)	PS NEXT (dB)	EL FEXT (dB/100m)	PS EL FEXT (dB/100m)
1	20	2.0	75.3	72.3	67.8	64.8
4	23	3.8	66.3	63.3	56	53
8	24.5	5.3	61.8	58.8	49.9	46.9
10	25	6.0	60.3	57.3	48	45
16	25	7.6	57.2	54.2	43.9	40.9
20	25	8.5	55.8	52.8	42	39
25	24.3	9.5	54.3	51.3	40	37
31.25	23.6	10.7	52.9	49.9	38.1	35.1
62.50	21.5	15.4	48.4	45.4	32.1	29.1
100	20.1	19.8	45.3	42.3	28	25
200	18.0	29.0	40.8	37.8	22	19
250	17.3	32.8	39.3	36.3	20	17
Install info 安装信息			Standard 标准			
working temperature 工作温度: -20℃ to +60℃ Bending radius 弯曲半径: ≥10×out diameter 外径			ISO/IEC 11801 TIA568.2-D EN50173 RoHS 2011/65/EU REACH EC 1907/2006			