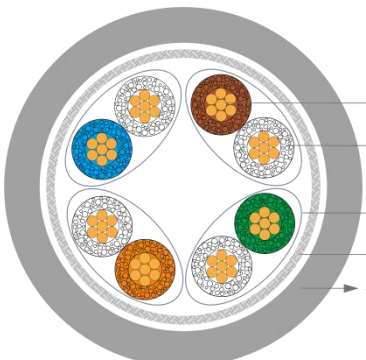


宁波泓讯线缆有限公司

Product Data Sheet 技术规格书

Doc No.: J171-2024
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型号规格: SFTP CAT6A 4×2×26AWG			Category6A: SFTP 4PARIS, 26AWG 100Ω			
Structure 结构:  → 导体 Conductor → 绝缘 Insulation → 铝箔 AL Foil → 编织 Braiding → 护套 Jacket			导体 多股裸铜 Conductor Stranded Bare Copper 26AWG 7/0.16±0.01mm 绝缘 发泡聚乙烯 Insulation Foamed PE Nominal Ø1.05±0.1mm Central Cross No Shield1 PET+AL foil Drain wire Shield2 80/0.12 Al-Mg coverage ≥60% Rip cord Optional 护套 PUR Jacket Nominal Ø6.1±0.3mm 包装			
Description: Complies with Class EA & Cat6a standards, Supports applications up to500MHz						
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：≤14Ω/100m			
Insulation Tensile strength 绝缘抗张强度：≥10MPa			insulation resistance 绝缘电阻：≥5000MΩ/km			
Insulation Elongation ratio 绝缘伸长率：≥200%			Mutual capacity 工作电容 0.8kHz：≤5.6nF/100m			
Jacket Tensile strength 护套抗张强度：≥13.5MPa			Characteristic impedance 特性阻抗: 100±15Ω			
Jacket Elongation ratio 护套伸长率：≥150%			Dielectric strength 介电强度:DC.1kV.1min no breakdown			
Transmission performance 传输性能(20℃) PASS 60M CHANNEL FLUKE TEST						
Frequency (MHz)	Return Loss (dB)	Attenuation (dB/100m)	NEXT (dB)	PS NEXT (dB)	Delay (nS/100m)	PS EL FEXT (dB/100m)
4	23.6	3.7	72.3	62.7	562	59.7
16	26	7.4	63.2	50.7	543	47.7
100	21.1	19	51.3	34.8	536.8	42.2
250	18.3	31.0	45.3	26.8	536.3	23.8
300	17.8	34.2	44.1	25.2	535.1	22.2
350	17.3	37.2	43.1	23.9	535.9	20.9
400	16.9	40	42.3	22.7	535.8	19.7
500	17.3	45.3	40.8	20.8	535.6	17.8
*Information Only						
Install info 安装信息			Standard 标准			
working temperature 安装温度：-20℃ to +60℃			ISO/IEC 11801 TIA568.2-D EN50173 IEC 61156-6			
Bending radius 弯曲半径：≥10×out diameter 外径						