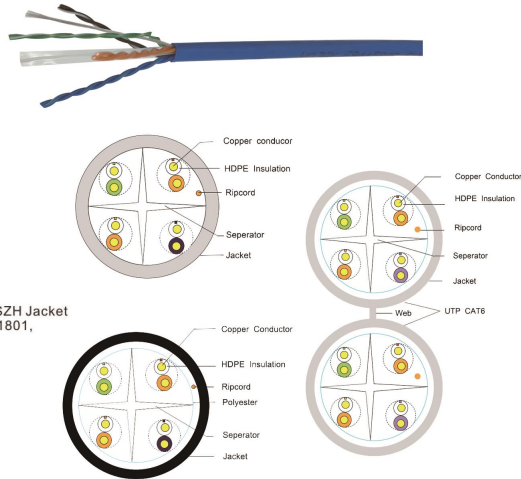


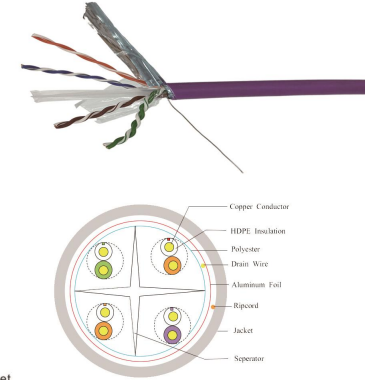
UTP CAT6



Application:
100 Base-TX
100VG-AnyLAN
1000Base-T(Gigabit Ethernet)
ATM
Noisy Environments

Product Description:
Rated temperature: 60°C, 75°C, 90°C
Reference Standard: UL444, UL1581
Bare solid copper conductor
RoHS/REACH Complied PVC or PE or LSZH Jacket
Complies to TIA/EIA-568-C.2, ISO/IEC 11801, EN50173&IEC61156-5
Installation temperature: -30°C ~ +50°C
Minimum bending radius: 4D

FTP CAT6



Application:
100 Base-TX
100VG-AnyLAN
1000Base-T(Gigabit Ethernet)
ATM
Noisy Environments

应用:
100Base-TX
100VG-AnyLAN
1000Base-T以太网
嘈杂环境

Product Description:
Rated temperature: 60°C, 75°C, 90°C
Reference Standard: UL444, UL1581
Bare solid copper conductor
RoHS/REACH Complied PVC or PE or LSZH Jacket
Complies to TIA/EIA-568-C.2, ISO/IEC 11801, EN50173&IEC61156-5
Installation temperature: -30°C ~ +50°C
Minimum bending radius: 8D

Electrical characteristics 电气特性

Frequency 频率 MHz	Impedance 特性阻抗 ohm	RL 回波损耗 ≥dB	Attenuation 衰减 ≥dB/100m	NEXT 近端串音 ≥dB/100m	ELFEXT 远端串音 ≥dB/100m	PS NEXT 近端串音功率和 ≥dB/100m	PS ELFEXT 远端串音功率和 ≥dB/100m	Delay Skew 时延差异 ≥ns/100m	NVP 传播速度
1	100±15	20.0	1.9	74.3	67.8	72.3	64.8	≤45	68%
4		23.0	3.7	65.3	55.8	63.3	57.7		
10		25.0	5.9	59.3	47.8	57.3	44.8		
16		25.0	7.5	56.3	43.7	54.3	40.7		
20		25.0	8.4	54.8	41.8	52.8	38.7		
31.25		23.6	10.6	51.9	37.9	49.9	34.9		
62.5		21.5	15.4	47.4	31.9	45.4	28.8		
100		20.1	19.8	44.3	27.8	42.3	24.8		
155		18.8	25.1	41.4	23.9	39.4	20.9		
200		18.0	29.0	39.8	21.8	37.8	18.7		
250	100±20	17.3	32.8	38.3	19.8	36.3	16.8	≤45	68%
350		16.3	39.8	36.1	16.9	34.1	13.9		
400		15.9	43.0	35.3	15.7	33.7	12.7		
450	100±22	15.5	46.3	34.5	14.7	32.5	11.7		
500		15.2	48.9	33.8	13.8	31.8	10.8		
550		14.9	51.8	33.2	12.9	31.2	9.9		

*为高频参考值 (Remarks: *are the reference values)

Cable Construction(CAT6)电缆结构(六类)

Item No. 产品编号	Construction 结构类型	Nominal Conductor Dimension 导体标称直径 mm	Nominal Insulation Diameter 绝缘标称线径 mm	No.of pairs 对数	Nomial Cable OD. 成品标称线径 mm	Type of Jacket 护套类型	Remark 备注
NCUTP6-550	UTP	0.550	0.98	4	6.1	PVC/PE/LSZH	250MHz
NCUTP6-656	UTP	0.656	1.02	4	6.3	PVC/PE/LSZH	250MHz
NCUTP6-570	UTP	0.570	1.03	4	6.4	PVC/LSZH	550MHz

Electrical characteristics 电气特性

Frequency 频率 MHz	Impedance 特性阻抗 ohm	RL 回波损耗 ≥dB	Attenuation 衰减 ≥dB/100m	NEXT 近端串音 ≥dB/100m	ELFEXT 远端串音 ≥dB/100m	PS NEXT 近端串音功率和 ≥dB/100m	PS ELFEXT 远端串音功率和 ≥dB/100m	Delay Skew 时延差异 ≥ns/100m	NVP 传播速度
1	100±15	20.0	1.9	74.3	67.8	72.3	64.8	≤45	68%
4		23.0	3.7	65.3	61.8	63.3	52.8		
8		24.5	5.3	60.3	55.7	58.8	46.7		
10		25.0	5.9	59.3	53.8	57.3	44.8		
16		25.0	7.5	56.3	49.7	54.3	40.7		
20		25.0	8.4	54.8	47.8	52.8	38.7		
25		24.3	9.5	53.4	45.8	51.4	36.8		
31.25		23.6	10.6	51.9	43.9	49.9	34.9		
62.5		21.5	15.4	47.4	37.9	45.4	28.8		
100		20.1	19.8	44.3	33.8	42.3	24.8		
155	100±20	18.8	25.1	41.4	27.8	39.4	20.9	≤45	68%
200		18.0	29.0	39.8	25.8	37.8	18.7		
250		17.3	32.8	38.3	24.3	36.3	16.8		
300	100±20	16.8	36.4	37.1	22.9	35.1	15.2		
350		16.3	39.8	36.1	21.8	34.1	13.9		
400		15.9	43.0	35.3	20.7	33.7	12.7		
450	100±22	15.5	46.3	34.5	19.8	32.5	11.7		
500		15.2	48.9	33.8	19.0	31.8	10.8		
550		14.9	51.8	33.2	18.2	31.2	9.9		

*为高频参考值 (Remarks: *are the reference values)

Cable Construction(CAT6)电缆结构(六类)

Item No. 产品编号	Construction 结构类型	Nominal Conductor Dimension 导体标称直径 mm	Nominal Insulation Diameter 绝缘标称线径 mm	No.of pairs 对数	Nomial Cable OD. 成品标称线径 mm	Type of Jacket 护套类型	Remark 备注
NCFTP6-570	FTP	0.570	1.09	4	7.3	PVC/PE/LSZH	250MHz
NCFTP5-576	FTP	0.576	1.09	4	7.3	PVC/LSZH	550MHz