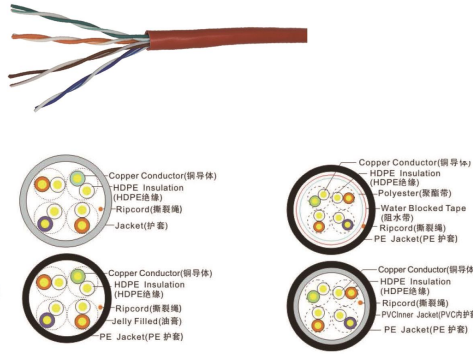


UTP CAT5E

Application:
 100 Base-TX
 100 Base-T4
 100VG-AnyLAN
 1000 Base-T
 (Gigabit Ethernet)
 ATM

应用:
 100Base-TX
 100Base-T4
 100VG-AnyLAN
 1000Base-T
 (Gigabit以太网)
 ATM

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



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	NVP 传播速度
1	100±15	20.0	2.0	65.3	63.8	62.3	60.8	68%
4		23.0	4.1	56.3	51.7	53.3	48.7	
10		25.0	6.5	50.3	43.8	47.3	40.8	
16		25.0	8.2	47.3	39.7	44.2	36.7	
20		25.0	9.3	48.5	37.7	42.8	34.7	
31.25		23.6	11.6	42.9	33.9	39.9	30.9	
62.5	100±18	21.5	17.0	38.4	27.8	35.4	24.8	
100		20.1	22.0	35.3	23.8	32.3	20.8	
*155		18.8	28.1	32.4	20.2	29.4	17.2	
*200	100±22	18.0	32.4	30.8	18.0	27.8	15.0	
*310		16.7	41.8	27.9	14.2	24.9	11.2	
*350		16.3	44.9	27.1	13.1	24.1	10.1	

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

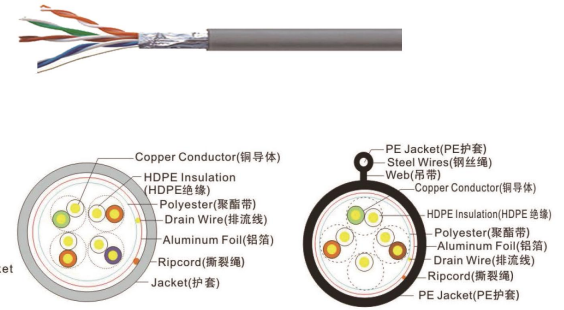
Cable Construction(CAT5e)电缆结构(超五类)

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	Nominal Cable OD. 成品标称线径 mm	Type of jacket 护套类型	Remark 备注
NCUTP5e-500	UTP	0.50	0.89	4	5.1/5.4	PVC/PE/LSZH	100MHz
NCUTP5e-510APD	UTP	0.51	1.01	4	6.0	PE	Jelly Filled 100MHz(油脂)
NCUTP5e-510WBT	UTP	0.51	0.95	4	6.5	PE	Water blocked Tape 100MHz(阻水带)
NCUTP5e-500DB	UTP	0.50	0.90	4	6.3	PVC+PE	100MHz
NCUTP5e-510#350	UTP	0.51	0.91	4	5.3	PVC/LSZH	350MHz

FTP CAT5E

Application:
 Ethernet
 10 Base-T
 100 Base-T4
 ATM
 TP-PMD Seppch
 Telephone
 Multimedia
 Trunk Wiring

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



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	NVP 传播速度
1	100±15	20.0	2.0	65.3	63.8	62.3	60.8	68%
4		23.0	4.1	56.3	51.7	53.3	48.7	
10		25.0	6.5	50.3	43.8	47.3	40.8	
16		25.0	8.2	47.3	39.7	44.2	36.7	
20		25.0	9.3	48.5	37.7	42.8	34.7	
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Cable Construction(CAT5e)电缆结构(超五类)

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	Nominal Cable OD. 成品标称线径 mm	Type of jacket 护套类型	Remark 备注
NCFTP5e-515	FTP	0.515	0.93	4	6.3	PVC/PE/LSZH	100MHz
NCFTP5e-520#350	FTP	0.520	0.94	4	6.4	PVC/PE/LSZH	350MHz