

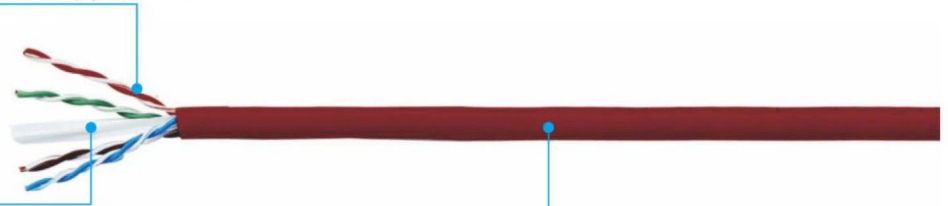
数字通信电缆

Digital Communication Cables

聚乙烯绝缘 PE Insulation
铜 / 镀银铜内导体 Cu/Sliver Plated Copper Inner

骨架 Framework

聚乙烯/聚氯乙烯 PE/PVC Jacket



结构尺寸 Construction				
项目 Item		CAT 5	CAT 5e	CAT 6
1 内导体	Inner Conductor(mm)	0.5	0.5	0.57
2 绝缘体Max	Dielectric(mm)	0.92	0.92	1.3
3 护套Max	Jacket(mm)	5.5	5.5	7.5
电气性能 Electrical Characteristics				
特性阻抗	Impedance(Ω)	100 \pm 15	100 \pm 15	100 \pm 15
工作电容Max	Capacitance(pF / 100m)	5.6	5.6	5
内导体直流电阻	Inner Conductor DCR (Ohm/100m)	9.5	9.5	6.58
最大衰减 Attenuation (20°C) (dB/100m)Max	频率 (MHz)	CAT 5	CAT 5e	CAT 6
	1	2.0	2.0	1.9
	4	4.1	4.1	3.7
	10	6.5	6.5	5.9
	31.25	11.7	11.7	10.6
	62.5	17.0	17.0	15.4
	100	22.0	22.0	19.8
	200	/	/	29.0
近端串音衰减 Near End Crosstalk min (dB/100m)	1	62	65	74
	4	53	56	65
	10	47	50	59
	31.25	40	43	52
	62.5	35	38	47
	100	32	35	44
	200	/	/	40
远端串音衰减 Far End Crosstalk min (dB/100m)	1	61	64	68
	4	49	52	56
	10	41	44	48
	31.25	31	34	38
	62.5	25	28	32
	100	21	24	28
	200	/	/	22
回波损耗 Return Loss(RL) min (dB/100m)	1	23	20	20
	4	23	23	23
	10	23	25	25
	31.25	21.1	24	24
	62.5	18.1	22	22
	100	16	20	20
	200	/	/	18
250	/	/	17	