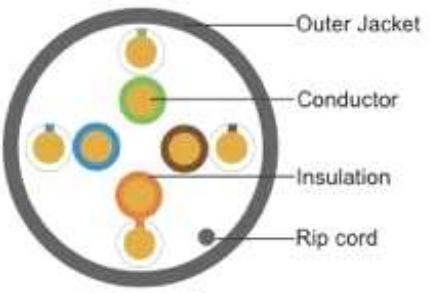


Importers and Distributors of CCTV products

CCTV PARTS & ACCESSORIES

Video Transmission of CCTV Signals

CAT5 UTP

PRODUCT DESCRIPTION: RATED TEMPERATURE: 60°C, 75°C, 90°C REFERENCE STANDARD: UL444, UL1581, UL1666 Rohs/REACH COMPLIED PVC JACKET INSTALLATION TEMPERATURE: -30°C ~ +50°C TEST STANDARD: ISO/IEC11801, TIA 568B.2						
APPLICATION: ETHERNET, 10 BASE-T, 100 BASE-TX, 1000 BASE-T, ATM, MULTI-MEDIA, TELEPHONE						
PHYSICAL STRUCTURE						
CONDUCTOR	MATERIAL	CCA	SHEATH PHYSICAL PROPERTIES			
	NORM.OD(mm)	0.500 ± 0.005				
INSULATION	MATERIAL	HDPE	BEFORE AGING	TENSILE STRENGTH (Mpa)	≥ 13.5	
	DIAMETER(mm)	0.92 ± 0.03		ELONGATION (%)	≥ 150	
INSULATION COLOR	A.BLUE,WHITE-BLUE	B.ORANGE,WHITE-ORANGE		AGING PERIOD (°C x hrs)	100°C x 24h x 7d	
	C.GREEN,WHITE-GREEN	D.BROWN,WHITE-BROWN				
RIP CORD	YES		AFTER AGING	TENSILE STRENGTH (Mpa)	≥ 12.5	
DRAIN WIRE	NO			ELONGATION (%)	≥ 125	
SHIELD	NO					
SHEATH	THICKNESS(mm)	0.50 ± 0.05	COLD BEND (-20±2°C x 4h) 8x CABLES O.D., NO VISIBLE CRACKS			
	MATERIAL	PVC	ELECTRICAL CHARACTERISTICS			
	COLOR	GREY	IMPEDANCE (Ohm) @ 1.0-100.0 MHz	100±15		
PACKING			DELAY SHEW 20°C (ns/100m)			≥ 45
PULL-OUT BOX / WOODEN SPOOL			NVP			69%
CARTON DIMENTION	350*350*225 (mm)		CAPACITANCE (nf/100m) MAX			5.6
PACKING LENGTH	305 ± 1.5 (m)		DC RESISTANCE 20°C (Ω/100m) MAX			14.2
			DC CONDUCTOR RESISTANCE			5.0
			UNBALANCE (%) MAX			5.0

ELECTRICAL CHARACTERISTICS							
Frequency MHz	Attenuation ≤dB/100m	RL ≥dB/100m	NEXT ≥dB/100m	Phase Delay ≤ns/100m	PSNEXT ≥dB/100m	ELFEXT ≥dB/100m	PSELFEXT ≥dB/100m
1	2.00	20.00	65.3	570.00	62.3	63.0	60.8
4	4.10	23.00	56.3	552.00	53.3	51.8	48.8
8	5.80	24.50	51.8	546.73	48.8	45.7	42.7
10	6.50	25.00	50.3	545.38	47.3	43.8	40.8
16	8.20	25.00	47.2	543.00	44.4	39.7	36.7
20	9.30	25.00	45.8	542.05	42.8	37.8	34.8
25	10.40	24.30	44.3	541.20	41.3	35.8	32.8
31.25	11.70	23.60	42.9	540.44	39.9	33.9	30.9
62.5	17.00	21.50	38.4	538.55	35.4	27.9	24.9
100	22.00	20.10	35.3	537.60	32.3	23.8	20.8