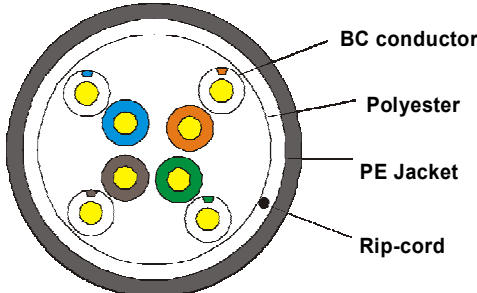


Importers and Distributors of CCTV products

Product Description : Bare solid copper conductor Rohs/REACH complied PEJacket Installation temperature : -30°C ~ +50°C			Application: 100Base-TX 100Base-T 100VG-AnyLAN 1000Base-T(Gigabit Ethernet) 1000Base-TX ATM		
Content of the Data Sheet					
Category	U/UTP CAT5-4P-PE				
Test Standard	ISO/IEC11801、TIA- 568C.2 YD/T1019				
1. Conductor	Material	SOLID-Bare Copper			
	Nom. O.D. (mm)	0.50	Up	+0.005	
			Down	-0.005	
2. Insulation	Material	HDPE			
	Diameter	0.89±0.03mm			
Color	A.Blue, White-Blue	B.Orange,White-Orange			
	C.Green,White-Green	D.Brown, White-Brown			
3. Rip-cord	Yes	Drain wire	No		
4. Sheath	Thickness	0.50±0.05 mm			
	External O.D.	5.3±0.4 mm			
	Surface	Clean,Frap,Satiation			
	Material	PE(complies RoHS)			
Surface Printing	Letter height	3.0±0.3mm			
	Color	White			
	Print error & Space	≤±0.5% , 1m			
Packing	Carton,				
Carton dimension	38*38*20cm				
Packing length	305±1.5m				



Physical Properties	Before Aging	Tensile Strength (Mpa)	≥10.0
		Elongation (%)	≥350
	Aging Period (°C×hrs)	100°C×24h×10d	
	After Aging	Elongation (%)	≥300
Electrical Characteristics (20°C)	Cold bend (-20±2°C×4h)		No visible cracks
	1.0-100.0MHz	Impedance (Ω)	100±15
	1.0-100.0MHz	Delay Shew (ns/100m)	≤45
	NVP		69%
	Capacitance(nF/100m) max:		5.6
	DC ResistanceΩ/100m) max		9.5
	DC Conductor Resistance Unbalance(%)max		5.0

Technical Performance (100m):											
Frequency (MHz)	RL ≥dB	ATT ≤dB	NEXT ≥dB	PHASE DELAY ≤ns	Frequency (MHz)	PSNEXT ≥dB	ELFEXT ≥dB	PSELFEXT ≥dB			
1	17.0	2.0	62.3	570.00	1	62.3	61.0	61.0			
4.0	18.8	4.1	53.3	552.00	4	53.3	49.0	49.0			
8.0	19.7	5.8	48.8	546.73	8	48.8	42.9	42.9			
10.0	20.0	6.5	47.3	545.38	10	47.3	41.0	41.0			
16.0	20.0	8.2	44.2	543.00	16	44.4	36.9	36.9			
20.0	20.0	9.3	42.8	542.05	20	42.8	35.0	35.0			
25.0	19.3	10.4	41.3	541.20	25	41.3	33.8	33.0			
31.25	18.6	11.7	39.9	540.44	31.25	39.9	31.1	31.1			
62.5	16.5	17.0	35.4	538.55	62.5	35.4	25.1	25.1			
100	15.1	22.0	32.3	537.60	100	32.3	21.0	21.0			