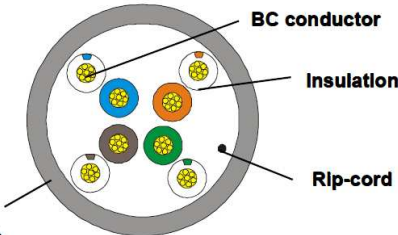


PATCH U/UTP 4 pairs cable - category 5E - 100MHz - PVC Sheath

Product Description: Rated temperature:60℃,75℃, 90℃ Reference Standard:UL444,UL1581, UL1666 Bare stranded copper conductor Rohs/REACH complied PVC Jacket Flame Test: CMX,CM,CMR Installation temperature:-30℃~+50℃				Application: 100Base-TX 100Base-T 100VG-AnyLAN 1000Base-T(Gigabit Ethernet) 1000Base-TX ATM			
Content of the Data Sheet							
Category	PATCH U/UTP CAT5e-4P-PVC						
Test Standard	ISO/IEC11801、TIA-568-C.2 YD/T1019						
1. Conductor	Material	Bare Copper					
	Nom. O.D. (mm)	24AWG(7/0.20)					
2. Insulation	Material	HDPE					
	Diameter	0.96±0.03mm					
Color	A.Blue, White-Blue	B.Orange,White-Orange		Sheath Physical Properties	Before Aging	Tensile Strength (Mpa)	≥13.5
	C.Green,White-Green	D.Brown, White-Brown				Elongation (%)	≥150
3. Rip-cord	Yes	Drain wire	N/A		Aging Period (℃×hrs)	100℃×24h×7d	
4. Shielded	N/A				After Aging	Tensile Strength (Mpa)	≥12.5
5. Sheath	Thickness	0.55±0.05 mm				Elongation (%)	≥125
	External O.D.	5.6±0.4 mm				Cold bend (-20±2℃×4h)	No visible cracks
	Surface	Clean,Frap,Satiation		Electrical Characteristics (20℃)	1.0-100.0MHz, Impedance (Ω)	100±15	
	Material	PVC			Delay Shew 20℃(ns/100m)	≤45	
	Color	Multiple			Capacitance(nF/100m) max:	5.6	
Surface Printing	Letter height	3.0±0.3mm			DC Resistance 20℃(Ω/100m) max	9.5	
	Color	Black			DC Conductor Resistance Unbalance (%)max	5.0	
	Print error & Space	≤±0.5%, 1m					
Packing	Carton, pallet						
Carton dimension	38*38*20cm						
Packing length	305±1.5m						

Technical Performance (100m):								
Frequency RL		ATT	NEXT	PHASE DELAY	Frequency PSNEXT		ELFEXT	PSELFEXT
(MHz)	≥dB	≤dB	≥dB	≤ns	(MHz)	dB	dB	dB
1	20.0	2.47	65.3	570.00	1	62.3	63.8	60.8
4.0	23.0	4.87	56.3	552.00	4	53.3	51.8	48.8
8.0	24.5	6.92	51.8	546.73	8	48.8	45.7	42.7
10.0	25.0	7.76	50.3	545.38	10	47.3	43.8	40.8
16.0	25.0	9.90	47.2	543.00	16	44.4	39.7	36.7
20.0	25.0	11.12	45.8	542.05	20	42.8	37.8	34.8
25.0	24.2	12.51	44.3	541.20	25	41.3	35.8	32.8
31.25	23.6	14.07	42.9	540.44	31.25	39.9	33.9	30.9
62.5	21.5	20.40	38.4	538.55	62.5	35.4	27.9	24.9
100	20.1	26.39	35.3	537.60	100	32.3	23.8	20.8