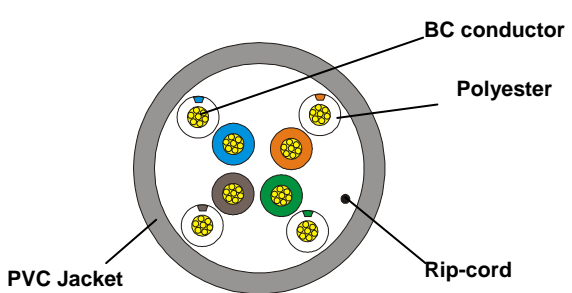


U/UTP 4 pairs cable - category 5E - 100MHz – Flex - PVC Sheath

P/N: CVLANU5EPVCF-GY

Date	Author	Review	Approve	Version	Revision Declaration									
JAN 2014	M.C	S.T	K.L	A1										
Content of the Data Sheet														
Sheath Printing	It will be printed as customer's requirement with batch produce.													
Customer reference														
Category	PATCH U/UTP CAT5e-4P-PVC													
Test Standard	ISO/IEC11801、TIA-568-C.2 YD/T1019													
1. Conductor	Material	Stranded-Bare Copper												
	Nom. O.D. (mm)	26AWG(7/0.16)												
2. Insulation	Material	HDPE												
	Diameter	0.81±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	N/A											
4. Shielded	N/A													
5. Sheath	Thickness	0.55±0.05 mm												
	External O.D.	4.7±0.4 mm												
	Surface	Clean,Frap,Satiation												
	Material	PVC(complies RoHS)												
	Color	Gray												
Surface Printing	Letter height	3.0±0.3mm									Technical Performance (100m):			
	Color	Black							Frequency RL	ATT	NEXT	DELAY		
	Print error & Space	≤±0.5% , 1m							(MHz)	dB	dB	dB	ns	
Packing	Wooden Tray & Carton													
Carton dimension	According to the requires													
Packing length	305±1.5m													
Sheath Physical Properties	Before Aging	Tensile Strength (Mpa)	≥13.5							1	20.0	3.3	65.3	570.00
		Elongation (%)	≥150							4.0	23.0	6.4	56.3	552.00
	Aging Period (°C×hrs)	100°C×24h×7d							8.0	24.5	8.7	51.8	546.73	
	After Aging	Tensile Strength (Mpa)	≥12.5							10.0	25.0	9.6	50.3	545.38
		Elongation (%)	≥125							16.0	25.0	12.3	47.2	543.00
	Cold bend (-20±2°C×4h)	No visible cracks							20.0	25.0	13.6	45.8	542.05	
Electrical Characteristics (20°C)	1.0-100.0MHz, Characteristic impedance (Ω)		100±15							25.0	24.3	15.2	44.3	541.20
	1.0-100.0MHz, Delay Skew 20°C(ns/100m)		≤45							31.25	23.6	17.1	42.9	540.44
	DC Resistance 20°C(Ω/100m) max		14.8							62.5	21.5	24.8	38.4	538.55
	DC Conductor Resistance Unbalance (%)max		5.0							100	20.1	32.0	35.3	537.60
								Frequency PSNEXT	ELFEXT		PSELFEXT			
								(MHz)	dB	dB	dB			
								1	62.3	63.8	60.8			
								4	53.3	51.8	48.8			
								8	48.8	45.7	42.7			
								10	47.3	43.8	40.8			
								16	44.4	39.7	36.7			
								20	42.8	37.8	34.8			
								25	41.3	35.8	32.8			
								31.25	39.9	33.9	30.9			
								62.5	35.4	27.9	24.9			
								100	32.3	23.8	20.8			