



L&W ELECTRONICAL INDUSTRIAL LIMITED

PATCH S/FTP 4Pairs cable-category 6A-PVC Sheath

Product Description: Rated temperature: 60°C,75°C, 90°C Reference Standard: UL444,UL1581,UL1666 Bare solid copper conductor Rohs/REACH complied PVC Jacket Flame Test: CMX,CM,CMR Installation temperature: -30°C~+50°C	Application: Volp , ISDN Token , 100M TP-PDM Analog and Data Video TR-16 Active And Passive 155M/662m/1.2GATM IEEE802.3: 100Base;100Base-T 1000Base-T 10GBase-T
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Content of the Data Sheet

Category	PATCH S/FTP-CAT6A-4P-PVC					
Test Standard	ISO/IEC11801、TIA-568-C.2 、 YD/T1019					
Conductor	Material	stranded-Bare Copper				
	dimension.(mm)	26AWG(7/0.16)				
Insulation	Material	Skin-foam-skin PE				
	Diameter	1.00±0.05 mm				
Inner Screening Material	Aluminum Foil	Drain wire	No			
Outer Screening Material	Tinned copper 0.10mm	Coverage	≥40%			
Sheath	Thickness	0.55±0.05 mm		Sheath Physical Properties	Before Aging Tensile Strength (Mpa)	≥13.5
	External O.D.	6.3±0.4 mm			Elongation (%)	≥150
	Surface	Clean			Aging Period (°C×hrs)	100°C×24h×7d
	Material	PVC			After Aging Tensile Strength (Mpa)	≥12.5
	Color	According to the requires			Elongation (%)	≥125
Surface Printing	Letter height	3.0±0.3mm		Electrical Characteristics (20°C)	Delay Shew (ns/100m)	≤45
	Color	Black			Velocity of Propagation (%)	72
	Print error & Space	≤±0.5%, 1m			capacitance (nf/100m) max	5.6
Core Color	1 White/Blue	2 White/Orange			unbalanced-to-ground capacitance (pf/100m) max	330
	3 White/Green	4 White/Brown			DC Resistance (Ω/100m) max	14.5
Packing	Wooden Tray & Carton				DC Conductor Resistance Unbalance (%) max	5.0
Wooden Tray dimension	According to the requires					
Packing length	305±1.0m					
Rip-cord	Yes					

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Technical Performance (100m) nom:								
Frequency (MHz)	RL (dB)	ATT (dB)	NEXT (dB)	PHASE DELAY (ns)	Frequency (MHz)	PSNEXT (dB)	ELFEXT (dB)	PSELFEXT (dB)
1	20.0	2.1	74.3	570.0	1	72.3	68.0	65.0
4.0	23.0	3.8	65.3	552.0	4	63.3	56.0	53.0
8.0	24.5	5.3	60.8	546.7	8	58.8	49.9	46.9
10.0	25.0	5.9	59.3	545.4	10	57.3	48.0	45.0
16.0	25.0	7.5	56.2	543.0	16	54.2	43.9	40.9
20.0	25.0	8.4	54.8	542.1	20	52.8	42.0	39.0
25.0	24.3	9.4	53.3	541.2	25	51.3	40.0	37.0
31.25	23.6	10.5	51.9	540.4	31.25	49.9	38.1	35.1
62.5	21.5	15.0	47.4	538.6	62.5	45.4	32.1	29.1
100	20.1	19.1	44.3	537.6	100	42.3	28.0	25.0
200	18.0	27.6	39.8	536.5	200	37.8	22.0	19.0
250	17.3	31.1	38.3	536.3	250	36.3	20.0	17.0
300	16.8	34.3	37.1	536.1	300	35.1	18.5	15.5
500	15.2	45.3	33.8	535.6	500	31.8	14.0	11.0