



L&W ELECTRONICAL INDUSTRIAL LIMITED

REF : F/UTP cable - category 5 - 25 Pair Unshielded – PVC Sheath

Product Description: Rated temperature: 60°C, 75°C, 90°C Reference Standard: UL444, UL1581 Bare solid copper conductor Rohs/REACH complied PVC Jacket Flame Test: CMX, CM, CMR Installation temperature: -30°C ~ +50°C	Application: Ethernet 10 Base-T 100 Base-T4 ATM TP-PMD Seppch TELEPHONE Multimedia Trunk Kiring
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Content of the Data Sheet

Category	F/UTP CAT5-25P-PVC																																														
Test Standard	ISO/IEC11801, TIA-568-C.2 & YD/T1019																																														
1. Conductor	Material	SOLID-Bare Copper																																													
	Nom. O.D. (mm)	0.500	<table border="1"> <tr> <td>Up</td> <td>+0.005mm</td> </tr> <tr> <td>Down</td> <td>-0.005mm</td> </tr> </table>		Up	+0.005mm	Down	-0.005mm																																							
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2. Insulation	Material	HDPE																																													
	Diameter	1.00±0.02mm																																													
Color	Bl./ Wh.-Bl. Ora./ Wh.-Ora. Gn./ Wh.-Gn. Br./ Wh.-Br. Gr./ Wh.-Gr. Bl./ Re.-Bl. Ora./ Re.-Ora. Gn./ Re.-Gn. Br./ Re.-Br. Gr./ Re.-Gr. Bl./ Bla.-Bl. Ora./ Bla.-Ora. Gn./ Bla.-Gn. Br./ Bla.-Br. Gr./ Bla.-Gr. Bl./ Yel.-Bl. Ora./ Yel.-Ora. Gn./ Yel.-Gn. Br./ Yel.-Br. Gr./ Yel.-Gr. Bl./ Pur.-Bl. Ora./ Pur.-Ora. Gn./ Pur.-Gn. Br./ Pur.-Br. Gr./ Pur.-Gr.																																														
3. Rip-cord	Yes	Drain wire	TC 0.45																																												
4. Shielded	PET+AL Foil																																														
5. Sheath	Thickness	1.0±0.2 mm																																													
	External O.D.	14.2±0.8 mm																																													
	Surface	Clean, Frap, Satiation																																													
	Material	PVC																																													
	Color	Multiple																																													
Surface Printing	Letter height	3.0±0.3mm																																													
	Color	Black																																													
	Print error & Space	≤±0.5%, 1m																																													
Packing	Drum in Carton																																														
Packing length	305±1.5m / 500±2.5m																																														
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Note: Structure: a. be tied up with White/Blue Identification tape, b. be tied up with White/Orange Identification tape, c. be tied up with White/Green Identification tape, d. be tied up with White/Brown Identification tape, e. be tied up with White/Gray Identification tape,

Acceptance criterion: Per 4Pair pass FLUKE test instrument.

LAN CABLE

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