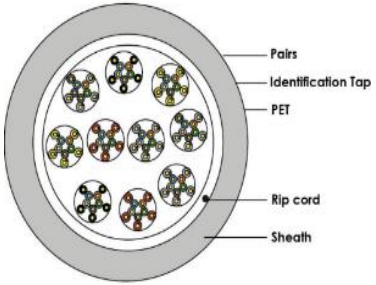


Sheath Printing	Per Request					
Category	UTP CAT 3-50P-PVC					
Test Standard	ISO/IEC 11801, TIA-568-C.2 YD/T1019					
1. Conductor	Material	SOLID- Bare Copper				
	Nom. O.D.(mm)	0.500	<table border="1"> <tr> <td>UP</td> <td>+0.005</td> </tr> <tr> <td>DOWN</td> <td>-0.005</td> </tr> </table>	UP	+0.005	DOWN
UP	+0.005					
DOWN	-0.005					
2. Insulation	Material	HDPE				
	Diameter	0.90±0.03mm				
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	NO			
4. Shielded	PET Tape					
5. Sheath	Thickness	1.0±0.2 mm				
	External O.D.	17.3 ±1.0 mm				
	Surface	Clean, Frap, Satiation				
	Material	PVC(complies RoHS)				
	Color	Multiple				
Surface printing	Color	Black				
	Print error and space	≤±0.5%, 1m				
	Letter Height	3.0±0.3mm				
Packing	Drum in Carton					
Packing length	1000±3.0m					
Sheath Physical properties	Before aging tensile strength (Mpa)	≥13.5				
	Elongation (%)	≥150				
	Aging period (°C×hrs)	100°C×24h×7d				
	After aging tensile strength (Mpa)	≥12.5				
Electrical Characteristics	Elongation (%)	≥125				
	Cold bend (-20±2°C×4h) 8×Cable O.D. °C	No visible crack				
	DC Resistance 20°C(Ω/100m)max	9.5				
	DC conductor resistance unbalance (%) max	5.0				
	Mutual Capacitance (1 kHz)	5.6nF/km				
Pair to ground capacitance unbalance Max	330pF/100m					
Insulation resistance at 20°C Min	5000MΩ.km					
Insulation dielectric strength DC 1000V for 1min	Pass					



FLUKE channel Technical Performance:

Frequency	RL	ATT	NEXT	DELAY
1	15.0	3.0	60.0	521
4.0	15.0	4.5	50.6	504
8.0	15.0	6.3	50.0	500
10.0	15.0	7.1	45.6	498
16.0	15.0	9.1	40.6	496
20.0	15.0	10.2	39.0	495
25.0	14.0	11.4	37.4	495
31.25	13.1	12.9	35.6	494
62.5	10.1	18.6	30.6	492
100	8.0	24.0	27.1	491

Frequency (MHz)	PSNEXT ≥dB
1	57.0
4	45.0
8	38.9
10	37.0
16	32.9
20	31.0
25	29.0
31.25	27.1
62.5	21.1
100	17.0

Part No.	Description
114-50150	CAT. 3 TELEPHONE CABLE 50 PAIR INDOOR 1M