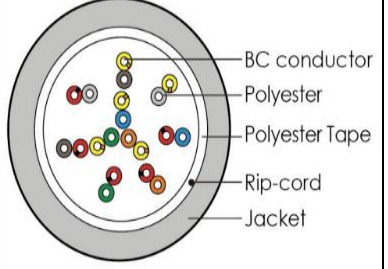


Sheath Printing	Per Request		
Category	UTP CAT 3-10P-PVC		
Test Standard	ISO/IEC 11801, TIA-568-C.2 YD/T1019		
1. Conductor	Material	SOLID- Bare Copper	
	Nom. O.D.(mm)	0.500	UP +0.005 DOWN -0.005
2. Insulation	Material	HDPE	
	Diameter	1.07±0.05mm	
Color	Bl./ Wh.-Bl. Ora./Wh.-Ora. Gn./Wh.-Gn. Br./Wh.-Br. Gr./Wh.-Gr. Bl./ Re.-Bl. Ora./ Re.-Ora. Gn./ Re.-Gn. Br./ Re.-Br. Gr./ Re.-Gr.		
3. Rip-Cord	Yes	Drain Wire	NO
4. Shielded	Polyester Tape		
5. Sheath	Thickness	1.0±0.2 mm	
	External O.D.	8.5 ±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	
	Elongation (%)	≥125	
	Cold bend (-20±2°C×4h) 8×Cable O.D. °C	No visible crack	
Electrical Characteristics	Velocity of Propagation(NVP)	69%	
	DC Resistance 20°C(Ω/100m)max	9.5	
	DC conductor resistance unbalance (%) max	5.0	



FLUKE channel Technical Performance:

1.0-100.0MHz, Characteristic impedance (Ω) 100±15
1.0-100.0MHz, Delay Shew 20°C (ns/100m) ≤45

Frequency (MHz)	RL ≥dB	ATT ≤dB	NEXT ≥dB	DELAY ≤ns
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)	FSNEXT ≥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
114-50110	CAT. 3 TELEPHONE CABLE 10 PAIR INDOOR 1M