



CAT5E U-UTP Conductor		CAT5E U-UTP Insulation	
Composition (No./M)	0.49 ± 0.01 mm	Material	PE
Material	Bare Copper	Min. thickness (mm)	0.15±0.05
AWG (Stranding)	24	Nominal Diameter (mm)	0.86±0.2
CAT5E U-UTP Pairs (Color code)		Power Cable	
Pair 1 -	Blue / White – blue strip	Conductor	30/0.18 ± 0.008 mm
Pair 2 -	Orange / White – orange strip	Color	Black and Red
Pair 3 -	Green / White – green strip	Material	PVC
Pair 4 -	Brown / White –brown strip	Diameter	2.0 ± 0.02 mm
Overall Jacket/Sheath			
Jacket Material	PVC		
Diameter	7.50 ± 0.3 mm		
Color	Black		

IEC 61156-5 ed2.0 Cat5e 水平電纜參數							
Freq. (MHz)	Ins. Loss (dB/10 0m)	RL (dB)	Pair to Pair		Power Sum		Po. Delay (ns/100)
			NEXT	ELFEXT	NEXT	ELFEXT	
			(dB/100m)		(dB/100m)		
	Max.	Min.	Min.	Min.	Min.	Min.	Max.
1	--	20.0	--	--	--	--	--
4	4.1	23.0	56.3	52.0	53.3	49.0	552.0
10	6.5	25.0	50.3	44.0	47.3	41.0	545.4
16	8.3	25.0	47.2	39.9	44.2	36.9	543.0
20	9.3	25.0	45.8	38.0	42.8	35.0	542.0
31.25	11.7	23.6	42.9	34.1	39.9	31.1	540.4
62.5	17.0	21.5	38.4	28.1	35.4	25.1	538.6
100	22.0	20.1	35.3	24.0	32.3	21.0	537.6

訂購資訊 CAT.5E UTP+P0.75