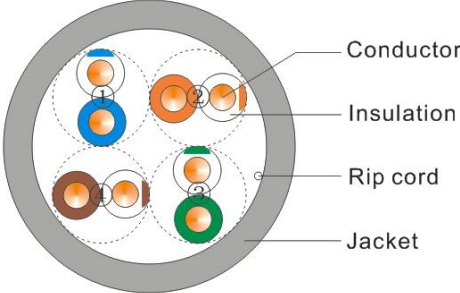


产品承认书 SPECIFICATION FOR APPROVAL

Specification For Approval	Style: Communication cable			
	Size	CAT5E UTP 24AWG 0.47mm BC	P/N	/
	Standard	ANSI/TIA-568.2-D-2018	Versions	A/0
Structural sketch map				
Cable structure		Description		
Conductor	Cross-section	24AWG/4P		
	Structure	0.47±0.005mm		
	Material	Solid BareCopper		
Insulation	InsulationO.D	0.85±0.05mm		
	Nom. thickness	0.19mm		
	Material	HDPE		
	Color	Blue、White-blue、Orange、White-orange、Green、White-Green、brown、White-brown		
Twist pair	Twist color	1:Blue/White-blue、2:Orange/White-orange、3:Green/White-Green、4:brown/White-brown		
Cabling	Stranding	1+2+3+4 (See the Structural sketch map)		
	Pitch	120±10mm		
	TwistedO.D	3.60±0.30mm		
Jacket	JacketO.D	5.0±0.40mm		
	Nom. thickness	0.50mm		
	Material	PVC		
	Color	Optional		
	Rip cord	Fibre		
Marking	According to customer requirements			

TIANJIE

浙江天杰实业股份有限公司 Zhejiang Tianjie Industrial CORP.

产品承认书 SPECIFICATION FOR APPROVAL

Electrical Properties (at 20°C)				Data of product		
ConductorDC Resistance				≤10.5Ω/100m		
Rated temperature				-15~+70°C		
Insulation spark test				1.5kv		
Installation temperature				0~+60°C		
Delay differential				≤45ns/100m		
Operating capacitance				≤5.6 nF/100m		
General requirements				RoHS		
Mechanical Characteristics						
Max. Pull Tension				25 lbs		
Min. Bend Radius During Installation				2.0 in		
Min. Bend Radius/Minor Axis				1.0 in		
Applicable Environmental and Other Programs						
Environmental Space				indoor		
Channel transmission performance(at 20°C)						
Frequency MHz	ACRF (dB) Min	Chaiacharacteristic Imperdane (Ω)	RL (dB) Min	Attention (dB/100m)Ma x	NEXTloss (dB) Min	PS-NEXT (dB) Min
1.0	57.4	100±15	17.0	2.2	60.0	57.0
4.0	45.4	100±15	17.0	4.5	53.5	50.5
8.0	39.3	100±15	17.0	6.3	48.6	45.6
10.0	37.4	100±15	17.0	7.1	47.0	44.0
16.0	33.3	100±15	17.0	9.1	43.6	40.6
20.0	31.4	100±15	17.0	10.2	42.0	39.0
25.0	29.4	100±15	16.0	11.4	40.3	37.3
31.25	27.5	100±15	15.1	12.9	38.7	35.7
62.5	21.5	100±15	12.1	18.6	33.6	30.6
100.0	17.4	100±15	10.0	24.0	30.1	27.1

Date: 2023-6-26

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