

# ANYDATA-UTP CAT5e

## LAN CABLE UTP CAT5e



### 应用



The twisted pair cable used for digital communications, applied in buildings cabling system between patch panels and the output of communication. Also used in Residential cabling system between the patch panel and output of communication meet the 100MHz data communication. Comply with color coding standard of ANSI/TIA/EIA-568-B

### 结构

Conductor: Solid or stranded with 7 pieces (tinned) copper wire

Meet the UL444 standard HDPE polyethylene insulated

Two-cores twisted pair, total of four pairs

Special PVC outer sheath, or a higher standard of low smoke zero halogen flame retardant outer sheath (optional materials can be customized colors)

### 特点

Comply with UL758, UL1581, UL444, TIA/EIA-568, CSA C22.2, the ISO / IEC 11801 and other standards

Transmission frequency reach 100MHz, and support for duplex applications

Environmental RoHS compliant

Pass UL VW-1 & CSA FT1 vertical flame test, CM rating

### 性能

Operating voltage: 30V

Operating temperature range:

Movable Installation: - 5 ° C to +80 ° C fixed installation: -40 ° C to +80 ° C

Flammability rating: IEC60332-1 CM

DC Resistance at 20 °C ( $\Omega / \text{KM}$ ) <93.8

Operating Temperature 70 °C

68% of the propagation velocity

Impedance (ohms)  $100 \pm 15$

Flame Propagation Test to IEC 60332 Part 1 (LSOH) Flame Propagation Test to IEC 60332 Part 1 and Part III (LSFROH) halogen acid gas emissions in line with the IEC 60754, Part 1

Smoke emission test according to IEC 61 034

Frequency MHZ	Special impedance $\Omega\text{M}$	Attenuation Db/100m $\leq$	Near-end crosstalk attenuation Db/100m $\geq$	Level far-end crosstalk attenuation Db/100m $\geq$	Return Loss db $\geq$
1	100±15	2.0	65	64	20.0
4		4.1	56	52	23.0
10		6.5	50	44	25.0
16		8.2	47	40	25.0
20		9.2	46	38	25.0
31.25		11.7	43	34	23.6
62.5		17.0	38	28	21.5
100		22.0	35	24	20.1

Part No.	Cores and AWG	Conductor spec.	Insulation diameter	diameter mm
040UTPCAT54p24	4x2x24AWG	7/0.20mm	0.95mm	5.0
		1/0.513mm		

✘Can produce special cables as customer's request