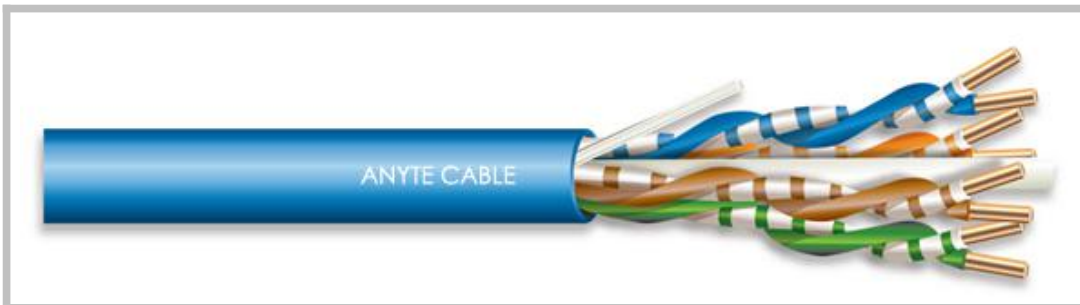


ANYDATA-UTP Cat6

LAN CABLE UTP Cat6



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, filled by plastic cross
Special aluminum mylar 100% coverage
drain wire:Single or stranded fine (tin plated) copper wires
(Tinned) copper braid or spiral shielding , coverage rate of 85%
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 standard UL758,UL1581,UL444,TIA/EIA-568,CSA C22.2,

ISO/IEC 11801

Transmission frequency of 100MHz, and support for duplex applications

Comply with RoHS standards

Pass UL VW-1 & CSA FT1 vertical flame test

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 (Ω / KM) <93.8

Operating Temperature 70 ° C

68% of the propagation velocity

Impedance (ohms) 100 ± 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 emissions tested comply with IEC 61034

Frequency MHz	special impedance ΩM	attenuatio n Db/100m \leq	NTXT attenuation Db/100m \geq	far-end crosstalk attenuation Db/100m \geq	Return Loss db \geq
1	100 ± 15	1.9	74	68	20.0
4		3.7	65	56	23.0
10		5.9	59	48	25.0
16		7.5	56	44	25.0
20		8.4	55	42	25.0
31.25		10.6	52	38	23.6
62.5		15.4	47	32	23.5
100		19.8	44	28	20.1
200		29.0	40	22	18.0
250		32.8	38	20	17.3

Part No.	Cores and AWG	Conductor spec.	Insolation diameter	diameter mm
040UTPCAT64p24	4x2x23AWG	7/0.20mm	1.02mm	6.0
		1/0.58mm		

※ Can produce special cables as customer's request