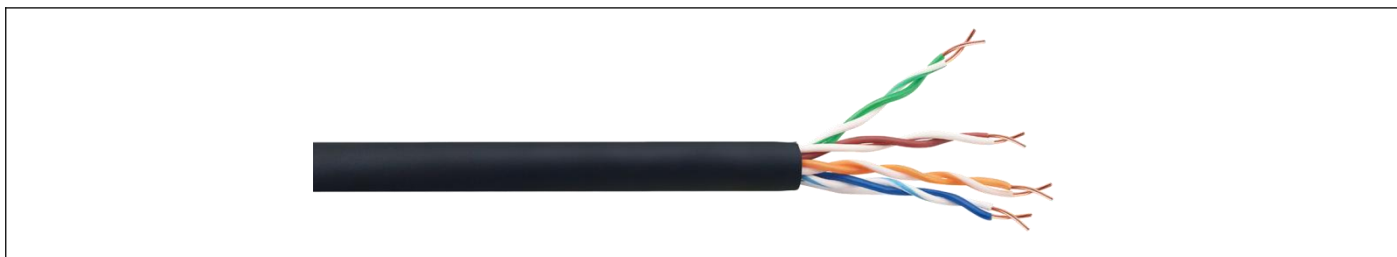


CAT5E UTP 100Ω

PRODUCT IMAGE 产品图片



APPLICATION SCENARIOS 应用场景

- 家庭网络、小型办公室、监控系统、IPTV、数字机顶盒 Home networks, small offices, surveillance systems, IPTV, digital set-top boxes
- 优化传输性能，如保证 100MHz 带宽下的近端串扰、回波损耗、衰减与特性阻抗 Optimize transmission performance, such as ensuring near-end crosstalk, return loss, attenuation and characteristic impedance under a 100 MHz bandwidth.
- 具有 1~100MHz 的宽带能力，支持 10/100/1000BASE-T 以太网及 PoE (802.3af/at) 单向/双向通信系统 It has a wideband capability of 1 to 100 MHz and supports 10/100/1000BASE-T Ethernet and PoE (802.3af/at) one-way/bidirectional communication systems.

PRODUCT DESCRIPTION 产品描述

Applications	Product Description
100Base-TX, 100Base-T4,	Rated Temperature: 60°C, 75°C, 90°C
100VG-AnyLAN	Bare solid copper conductor or cca
100Base-T, (Gigabit Ethernet), ATM	RoHS Complied PVC, PE, LSZH Jacket
	Complies to TIA/EIA-568B&ISO/IEC11801

CABLE CONSTRUCTION 电缆结构

Item No.	CAT5E UTP-1	CAT5E UTP-2
Construction	UTP	UTP
Conductor Dimension(mm)	0.50	0.51
Core Dimension(mm)	0.91	0.92
No. of Pairs	4	4
Nom. OD(mm)	5.2	5.3
Remark	100MHz	100MHz

ELECTRICAL CHARACTERISTICS 电气特性

Frequency(MHZ)	1	4	8	10	16	25	31.25	62.5	100
Impedance(Ω)	100±15								
RL(dB)	20	23	25	25	25	24	24	22	20
Attenuation(dB/100m)	2.0	4.1	5.8	6.5	8.2	10.4	11.6	17.0	22.0
NEXT(dB/100m)	65.3	56.3	51.8	50.3	47.3	44.3	42.9	38.4	35.3
ELFEXT(dB/100m)	63.8	51.7	45.7	43.8	39.7	35.8	33.9	27.8	23.8
PS NEXT(dB/100m)	62.3	53.3	48.8	47.3	44.2	41.3	39.9	35.4	32.3
PS ELFEXT(dB/100m)	60.8	48.7	42.7	40.8	36.7	32.8	30.9	24.8	20.8
Propagation Speed(m/s)	0.65c								