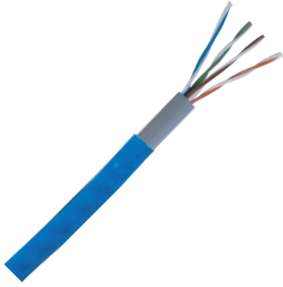


CAT5e CABLE (UTP)

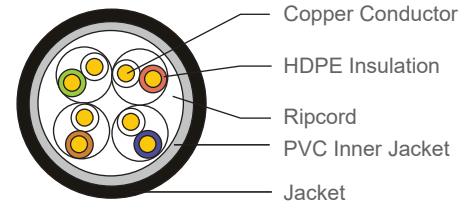
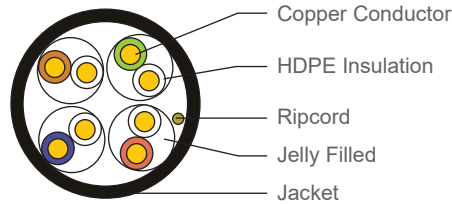
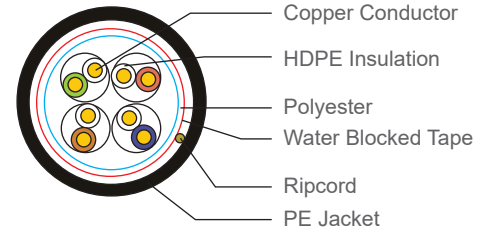
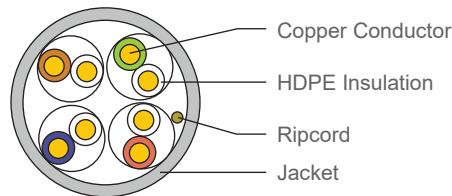


Application

100 Base-TX
100 Base-T4
100VG-AnyLAN
1000 Base-T (Gigabit Ethernet)
ATM

Product Description

Rated temperature : 60°C, 75°C, 90°C
Reference Standard : UL444, UL1581
Bare solid copper conductor
RoHS Complied PVC, PE or LSZH Jacket
Complies to TIA/EIA-568-c.2&ISO/IEC 11801
Installation Temperature : - 30°C~+50°C
Minimum bending radius : >4P 4D



Electrical Characteristics

Frequency (MHZ)	Impedance (ohm)	RL ≥dB	Attenuation ≤dB100m	NEXT ≥dB100m	ELFEXT ≥dB100m	PSNEXT ≥dB100m	PS ELFEXT	NVP
1	100±15	20.0	2.0	65.3	63.8	62.3	60.8	68%
4		23.0	4.1	56.3	51.7	53.3	48.7	
10		25.0	6.5	50.3	43.8	47.3	40.8	
16		25.0	8.2	47.3	39.7	44.2	36.7	
20		25.0	9.3	48.5	37.7	42.8	34.7	
31.25		23.6	11.6	42.9	33.9	39.9	30.9	
62.5		21.5	17.0	38.4	27.8	65.4	24.8	
100		20.1	22.0	35.3	23.8	32.3	20.8	
* 155	100±18	18.8	28.1	32.4	20.2	29.4	17.2	
* 200		18.0	32.4	30.8	18.0	27.8	15.0	
* 310	100±22	16.7	41.8	27.9	14.2	24.9	11.2	
* 350		16.3	44.9	27.1	13.1	24.1	10.1	

Remarks : * are the reference values

Cable Construction

Item No	Construction	Nominal Conductor Dimension	Nomial Insulation Diameter	No of Pairs	Nomial Cable OD	Type of Jacket	Remark
U5EC04/U5EE04/U5EH04	UTP	0.50	0.89	4	5.1/5.4	PVC/PE/LSZH	100MHz
U5ECE04	UTP	0.50	0.90	4	6.3	PVC+PE	100MHz