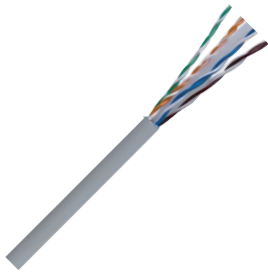


CAT6 CABLE

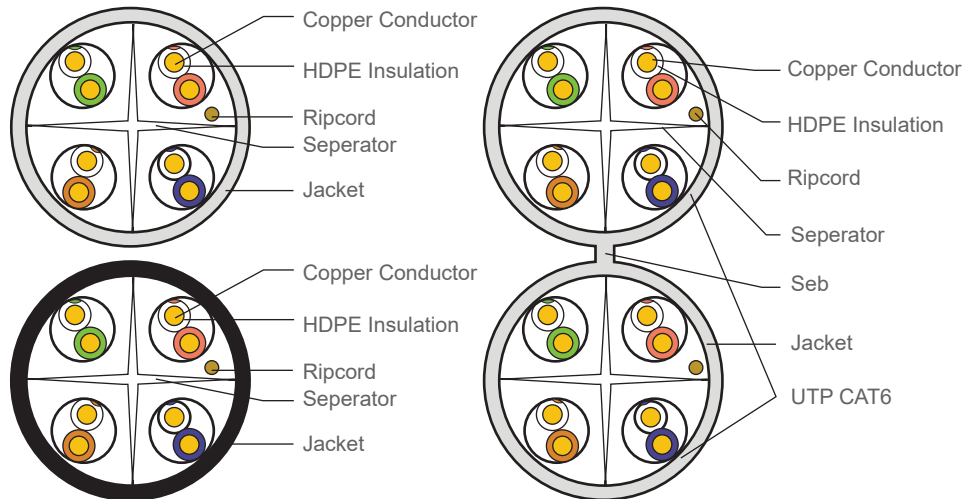


Application

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

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



Electrical Characteristics

Frequency (MHZ)	Impedance (ohm)	RL ≥dB	Attenuation ≤dB100m	NEXT ≥dB100m	ELFEXT ≥dB100m	PSNEXT ≥dB100m	PS ELFEXT	Impedance ohm	NVP
1	100±15	20.0	1.9	74.3	67.8	72.3	64.8	≤45	68%
4		23.0	3.7	65.3	55.8	63.3	57.7		
10		25.0	5.9	59.3	47.8	57.3	44.8		
16		25.0	7.5	56.3	43.7	54.3	40.7		
20		25.0	8.4	54.8	41.8	52.8	38.7		
31.25		23.6	10.6	51.9	37.9	49.9	37.9		
62.5		21.5	15.4	47.4	31.9	45.4	28.8		
100		20.1	19.8	44.3	27.8	52.3	24.8		
* 155		18.8	25.1	41.4	23.9	39.4	20.9		
* 200		18.0	29.0	39.8	21.8	37.8	18.7		
* 250	100±20	16.7	32.8	38.3	19.8	36.3	16.8		
* 350		16.3	39.8	36.1	16.9	34.1	13.9		
* 400	100±22	15.9	43.0	35.3	15.7	33.7	12.7		
* 450		15.5	46.3	34.5	14.7	32.5	11.7		
* 500		15.2	48.9	33.8	13.8	31.8	10.8		
* 550		14.9	51.8	33.2	12.9	31.2	9.9		

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
U6C04/U6E04/U6H04	UTP	0.565	0.98	4	6.1	PVC/PE/LSZH	250MHz