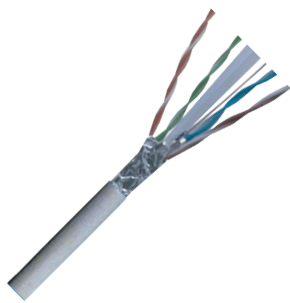
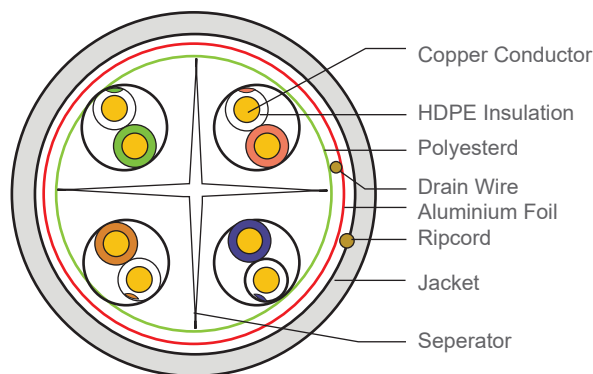


CAT6 CABLE (FTP)



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
EN50173&IEC61156-5
Installation Temperature : - 30°C~+50°C
Minimum bending radius : 8D

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	61.8	63.3	52.8		
8		24.5	5.3	60.3	55.7	58.8	46.7		
10		25.0	5.9	59.3	53.8	57.3	44.8		
16		25.0	7.5	56.3	49.7	54.3	40.7		
20		25.0	8.4	54.8	47.8	52.8	38.7		
25		24.3	9.5	53.4	45.8	51.4	36.8		
31.25		23.6	10.6	51.9	43.9	49.9	34.9		
62.5		21.5	15.4	47.4	37.9	45.4	28.8		
100		20.1	19.8	44.3	33.8	42.3	24.8		
155	100±20	18.8	25.1	41.4	27.8	39.4	20.9		
200		18.0	29.0	39.8	25.8	37.8	18.7		
250		17.3	32.8	38.3	24.3	36.3	16.8		
* 300		16.8	36.4	37.1	22.9	35.1	15.2		
* 350	100±22	16.3	39.8	36.1	21.8	34.1	13.9		
* 400		15.9	43.0	35.3	20.7	33.7	12.7		
* 450		15.5	46.3	34.5	19.8	32.5	11.7		
* 500	100±22	15.2	48.9	33.8	19.0	31.8	10.8		
* 500		14.9	51.8	33.2	18.2	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
F6C04/F6E04/F6H04	FTP	0.570	1.09	4	7.3	PVC/PE/LSZH	250MHz