



Copper Conductor

HDPE Insulation

Ripcord

Separator

Jacket

Application

100Base-TX、100Base-T

100VG-AnyLAN

1000Base-T(GigabitEthernet)

1000Base-TX、ATM

Product description

Rated Temperature: 60°C, 75°C, 90°C

Reference Standard: UI444, UL13, IEC60332

Bare solid copper conductor

RoHS complied PVC, PE or LSZH jacket

Complies to TIA/EIA-568C&ISO/IEC 11801

IEC61156, EN50288

CABLE CONSTRUCTION(CAT6)

Construction	UTP
Conductor Dimension(mm)	0.565
Core Dimension(mm)	1.03
No . of Pairs	4
Nom . OD(mm)	6.3
Type of Jacket	PVC/LSZH/PE

ELECTRICAL CHARACTERISTICS

Frequency (MHz)	Return loss dB/100m	Attenuation dB/100m	NEXT dB/100m	ELFEXT dB/100m	PSNEXT dB/100m	ELFEXT dB/100m	PSELFEXT dB/100m
1	20	1.9	74.3	67.8	72.3	67.8	64.8
4.0	23	3.7	65.3	55.8	63.3	55.8	57.7
8.0	25	5.3	60.3	49.7	58.8	49.7	46.7
10.0	25	5.9	59.3	47.8	57.3	47.8	44.8
16.0	25	7.5	56.3	43.7	54.3	43.7	40.7
20.0	25	8.4	54.8	41.8	52.8	41.8	38.7
25.0	24	9.5	53.4	39.8	51.4	39.8	36.8
31.25	24	10.6	51.9	37.9	49.9	37.9	34.9
62.5	22	15.4	47.4	31.9	45.4	31.9	28.8
100	21	19.8	44.3	27.8	42.3	27.8	24.8
155	21	25.1	41.5	23.9	39.5	23.9	20.9
200	21	29.0	39.8	21.8	37.8	21.8	18.7
250	18	32.8	38.3	19.8	36.3	19.8	16.8
Delay Skew(ns/100m)		≤45					
Propagation Speed(m/s)		0.6c					
Impedance(Ω)		100±15					