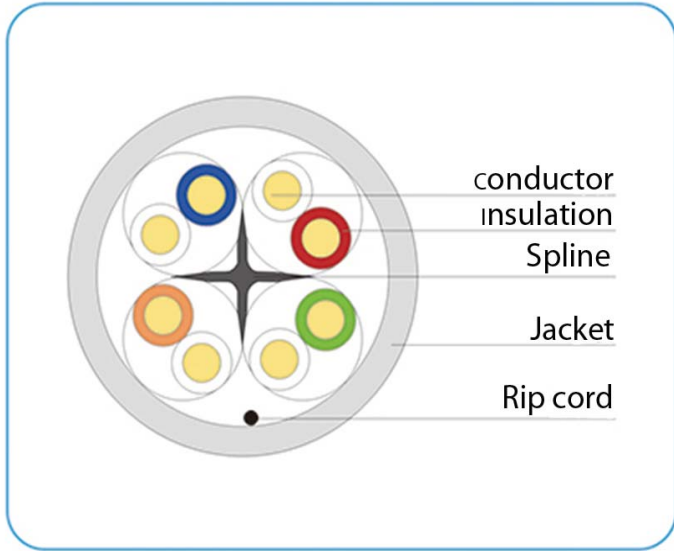


CAT6 UTP LAN CABLE

Part No.: UPC-6004E-SO

Cross Section



Marking

According to customers' requirements

Description

Rated Temperature (°C) 75

Product Standard Certification CE

Flammability Test CM

Application

Horizontal Wiring in LAN

Reference Standard

EIA/TIA568B.2 & ISO/IEC 11801

Construction

Conductor Solid Bare Copper

AWG 24

Conductor Dia. (±0.001mm) 0.51

Insulation HDPE

Average Thickness(±0.001mm) 0.28

Performance

Electrical Characteristics:

Frequency (MHz)	Return loss (dB)	Attenuation (dB/100m)	NEXT (dB)	ACR (dB)
1.0	20.0	1.9	74.0	68
4.0	23.1	3.7	65.0	56
10.0	25.0	5.9	59.0	48
16.0	25.0	7.5	56.0	44
20.0	25.0	8.4	55.0	42
31.0	23.6	10.6	52.0	38
62.0	21.5	15.4	47.0	32
100.0	20.1	19.8	44.0	28
200.0	18.0	29.0	40.0	22
250.0	17.3	32.8	38.0	20

Frequency (MHz)	PSNEXT (dB)	ELFEXT (dB/100m)	PSELFEXT (dB/100m)	Delay (ns/100m)
0.772	64.0	66.0	63.0	575.0
1	62.3	63.8	60.8	570.0
4	53.3	51.7	48.7	552.0
8	48.8	45.7	42.7	546.7
10	47.3	43.8	40.8	545.4
16	44.3	39.7	36.7	543.0
20	42.8	37.7	34.7	542.0
25	41.3	35.8	32.8	541.2
31.25	39.9	33.9	30.9	540.4
62.5	35.4	27.8	24.8	538.6
100	32.3	23.8	20.8	537.4

