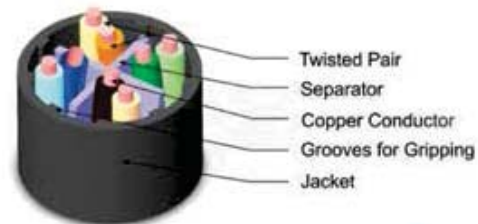


Category 6A UTP Cable

Digilink Category 6A solutions include a new type of 4pair cable designed to give channel performance exceeding augmented Category 6A/Class E_A channel specifications and in addition has substantially improved alien crosstalk performance.



MECHANICAL SPECIFICATIONS

Outer Diameter	Nominal diameter 8.0mm 4 twisted pair
Conductor Type	23 AWG bare solid copper
Jacket Material	PVC
Standard Colour	Grey

ELECTRICAL SPECIFICATIONS

Characteristic Impedance	100±6 Ω@ 1-600 Mhz
DC Resistance	72 Ω/km (max)
Voltage Rating	72 Vdc max
Dielectric Strength	1500 V/1 minute min rms
Insulation Resistance	500MΩ/km(min)@500 Vdc
Velocity of Propagation (NVP)	69%



PRODUCT FEATURES

- Exceptional material properties and cable design
- High ACR values-providing low BER (Bit Error-Rate)
- Extremely high pair-balance-providing excellent EMC (Electromagnetic compatibility)
- Minimum radiations and maximum noise immunity
- Unique hologram sticker for authenticity
- RoHS Compliant
- UL/ETL Verified, UL listed
- ANSI/TIA-568-C.2 Category 6A
- Class E_A according to IEC61156-5 (for ISO/IEC-118012)

PERFORMANCE CHARACTERISTICS ANSI/TIA-568-C.2 (HORIZONTAL CABLE)

Frequency (MHz)	Return Loss (dB)	Attenuation (dB/100m)	NEXT (dB)	PSNEXT (dB)	ELFEXT (dB)	PSELFEXT (dB)
1	29.9	1.2	89.8	83.4	88.0	80.6
4	36.7	2.3	86.3	82.2	80.7	69.3
8	35.8	3.2	79.4	77.0	80.2	63.3
10	33.2	4.0	78.3	76.2	77.4	61.5
16	33.0	5.1	80.6	70.3	73.6	57.3
20	32.1	5.9	77.8	67.2	67.0	55.4
25	31.8	6.3	71.2	67.3	60.9	53.9
31.25	29.0	7.1	71.3	64.6	58.5	51.8
62.5	28.4	10.0	67.6	59.6	56.3	49.9
100	27.9	12.9	65.0	59.0	49.2	46.7
200	26.8	19.8	59.3	53.0	48.9	35.8
250	25.6	21.9	55.2	47.0	41.4	30.5
300	24.8	23.8	51.4	45.4	40.3	30.2
350	24.4	25.9	49.0	44.5	37.4	31.1
400	22.7	30.8	48.1	45.6	36.3	27.4
500	16.5	31.2	47.9	40.4	35.2	26.0
600	16.1	36.3	37.9	38.3	35.5	22.2

NUMBER	DESCRIPTION
DCTCAUTP4P3X	Category 6A, 4 Pair UTP Cable 305m
Note: This cable is used for low Voltage signal transmission used in IT industry	