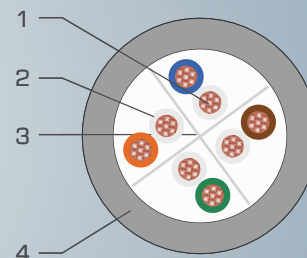
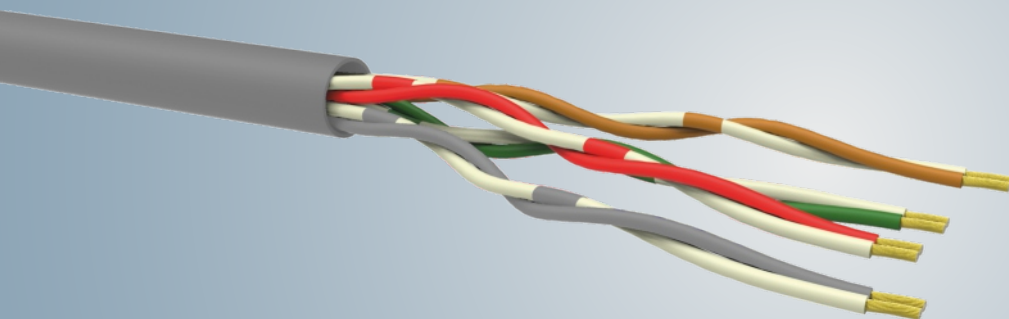


# AIXONLAN 300U-flex Stranded cable

Cat.6 U/UTP AWG24/7 LSOH



## PRODUCT DESCRIPTION

Unshielded stranded cable for structured cabling according to ISO/IEC 11801 and EN 50173 (2nd edition). Ideal for all applications up to class E for data transfer up to 300 Mhz Multimedia (Video,Data, Voice) >1 GbE acc.to IEEE 802.3 , cable sharing, VoIP, PoE.

## CABLE CONSTRUCTION

- |                 |  |
|-----------------|--|
| 1. Conductor    | Stranded bare copper conductor $\varnothing$ AWG24/7 (7X0,2mm) |
| 2. Isolation    | HDPE wire $\varnothing$ 0,97 mm $\pm$ 0,04 mm                  |
| 3. Cross        | For pair separation  |
| 4. Outer sheath | LSOH, halogen free   |

## TECHNICAL INFORMATION

- |                   |   |
|-------------------|---|
| Electrical values | Cat.6 (ISO/IEC) Class E                   |
| Normes            | ISO/IEC 11801 / EN 50173                  |
| Cable diameter    | 6,1 $\pm$ 0,4 mm                          |
| Bendig radius     | During operation $\geq$ 5x Cable diameter |
| Tensile strength  | max. 60N                                  |
| Flame retardant   | IEC 60332, IEC 60754, IEC 61034           |
| Smoke density     | IEC 61034-1/2                             |

F (MHz)	Attenuation (dB/10m)	NEXT (dB)	PS-NEXT (dB)	ACR (dB/10m)	PS-ACR (dB/10m)	ELFEXT (dB/10m)	PS-ELFEXT (dB/10m)	RL (dB)
1	2,26	74,30	72,30	72,04	69,87	67,80	64,80	20,00
4	4,17	65,27	63,27	61,10	58,73	55,80	52,80	23,00
10	6,57	59,30	57,30	52,73	50,16	47,80	44,80	25,00
16	8,33	56,24	54,24	47,91	45,18	43,70	40,70	20,00
31,25	11,80	51,88	49,88	40,08	37,07	37,90	34,90	23,30
62,5	16,98	47,36	45,36	30,36	26,90	31,90	28,90	20,70
100	21,83	44,30	42,30	22,47	18,54	27,80	24,80	19,00
200	31,89	39,78	41,87	7,89	9,98	21,80	18,80	16,40
250	34,96	38,33	39,33	3,37	4,37	19,80	16,80	15,60
300	35,02	37,14	38,45	2,12	3,43	18,30	15,30	14,90

Values for information only.

## ORDERING INFORMATION

- |                  |  |
|------------------|--|
| Type-Number      | 10201  |
| Item description | AIXONLAN 300U-flex Cat.6 U/UTP AWG24/7 LSOH    |
|                  | Other lengths and colors available on request. |

Length / Unit	Grey	*Red	*Blue	*Green	*Yellow	*Purple	*Black	*White
50 m / Ring	10201.GR50							
100 m / Ring	10201.GR100							
1000 m / Drum	10201.GR100	10201.RD100	10201.BL1000	10201.GN100	10201.YL1000	10201.PU1000	10201.BK1000	10201.WI1000

\*Product with MOQ