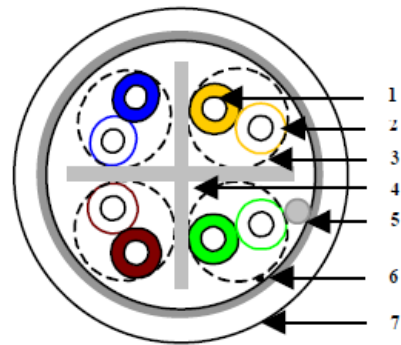


- Cat.6A F/UTP 500MHz LSZH
- Halogenfri og flammehemmende
- Rask avmantlig og terminering



Beskrivelse:

4-par skjermet installasjonskabel
20 års systemgaranti



Standards reference :

IEC 61156-5, IEC 60332-1, ISO/IEC 11801, EN 50173 et ANSI/TIA/EIA 568-B-2



Application / Features

This category 6a F-UTP cable is dedicated to every high bit rate transmissions including 10 GIGABIT ETHERNET.

This cable is characterized up to 500 MHz.

Spécification / Construction

1. Solid annealed copper conductors (AWG 24)
2. Coloured polyethylene insulation
3. Wires twisted in pairs
4. Cross filler
5. Overall aluminized general screen (aluminium on outer side) and tinned annealed copper drain wire
6. Ripcord
7. White flam-retardant LSZH sheath (4 pairs : diameter 7.1 mm / weight 50 kg/km).

Other characteristics

Storage Temperature	-20°C to +70°C
Service Temperature	-20°C to +60°C
Laying Temperature	-5°C to +50°C (between -5°C and +5°C,storage @ 20 °C during 24 hours prior laying)
Fire behaviour	complying with CEI 60332-1 and NFC 32070 category C2

Transmission performances

Frequency MHz	Attenuation dB/100m Max.	NEXT dB Min.	PSNEXT dB Min.	ELFEXT dB/100m Min.	PSELFEXT dB/100m Min.	RETURN LOSS dB Min.
1 *	2.0	75.3	72.3	68.0	65.0	20.0
4	3.7	66.3	63.3	56.0	53.0	23.0
10	5.9	60.3	57.3	48.0	45.0	25.0
16	7.4	57.2	54.2	43.9	40.9	25.0
20	8.3	55.8	52.8	42.0	39.0	25.0
31.25	10.4	52.9	49.9	38.1	35.1	23.6
62.5	14.9	48.4	45.4	32.1	29.1	21.5
100	19.0	45.3	42.3	28.0	25.0	20.1
155	24.0	42.4	39.4	24.2	21.2	18.8
200	27.5	40.8	37.8	22.0	19.0	18.0
250	31.0	39.3	36.3	20.0	17.0	17.3
300	34.2	38.1	35.1	18.5	15.5	16.8
500	50.1	34.8	32.8	14.0	11.0	15.2

* Typical value

Electrical characteristics @ 20°C

Nominal Velocity of Propagation (NVP)	70	%
Mean impedance from 10 up to 250 MHz***	100 ± 5	Ω
Delay skew	< 45	ns/100m
Loop resistance d.c.	≤ 190	Ω/km
Dielectric strength – 1 mn	1000	V d.c.
Insulation resistance	≥ 5000	MΩ.km
Coupling attenuation :		
- 30 to 100 MHz	≥ 55	dB
- 100 to 1000 MHz	55-20log(f/100)	
Nominal / Maximum service voltage	125 / 200	V
Maximum service intensity	0.25	A

Identification

Pair 1	light blue / blue
Pair 2	white / orange
Pair 3	light green / green
Pair 4	light brown / brown

Packaging

	4 pairs
Standard delivery length	1000 m
Packing	Lost drum

Cat.6A F/UTP

El.nr. 10 206 71

Cat.6A F/UTP 500MHz