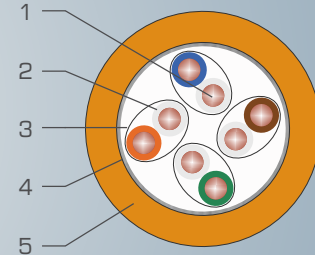
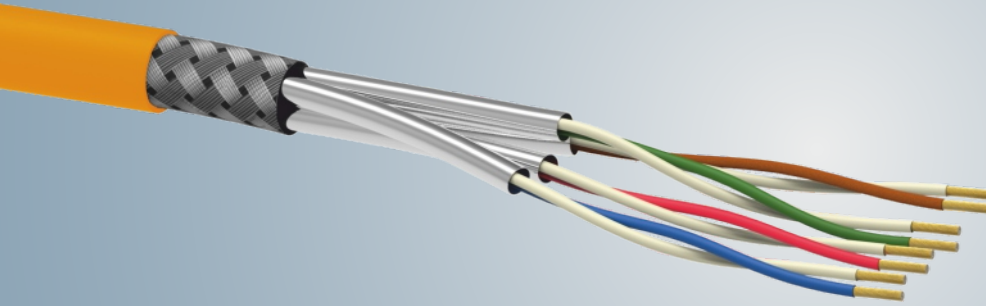


AIXONLAN1000 Installation Cable

Cat.7_A S/FTP AWG23/1 LSOH



PRODUCT DESCRIPTION

Shielded installation cable for structured cabling according to ISO/IEC 11801 and EN 50173 (2nd edition). Ideal for all applications up to class F_A for a data transfer up to 1000 Mhz Multimedia (Video,Data, Voice) >10 GbE acc.to IEEE 802.3 , cable sharing, VoIP, PoE,PoE+.

CABLE CONSTRUCTION

1. Conductor	Solid bare copper wire AWG23/1
2. Isolation	Cell-PE ø 1,35 mm
3. Pair shielding	Laminated aluminium foil
4. Overall shielding	Tinned copper braid
5. Outer sheath	LSOH/FRNC, halogen free, low smoke density and flame retardant

TECHNICAL INFORMATION

Category	Cat.7 _A (ISO/IEC)
Norms	ISO/IEC 11801 / EN 50173
Cable diameter	7,3 mm, (7,8 mm white cable, due to higher overall braid covering.)
Bending radius	During operation ≥ 4x cable diameter / During installation ≥ 8x cable diameter
Tensile strength	max. 110 N
Flame retardant	IEC 60332-1, IEC 60754, IEC 61034
Fire load	590 MJ/km ² , 170 kWh/km ²
Smoke density	IEC 61034-1/2

Frequency (Mhz)	Attenuation (dB/100m)	NEXT (dB)	PS-NEXT (dB)	ACR (dB/100m)	PS-ACR (dB/100m)	ELFEXT (dB/100m)	PS-ELFEXT (dB/100m)	RL (dB)
1	1,8	100	97	98	95	105	105	-
10	5,4	100	97	95	92	97	94	30
100	17,4	100	97	83	80	77	74	30
250	20,1	90	87	62	59	69	66	24
300	30,9	89	86	58	55	67	64	24
450	38,3	87	84	48	45	64	61	23
600	44,8	85	82	40	37	61	58	22
1000	63,1	80	77	17	14	57	54	20

Values for information only.

ORDERING INFORMATION

Type-Number	10103
Item description	AIXONLAN 1000 Cat.7 _A S/FTP AWG23/1 LSOH Other lengths upon request

Length / Unit	Orange	White
100 m / Ring	10103.OR100	10103.WI100
1000 m / Drum	10103.OR1000	10103.WI1000