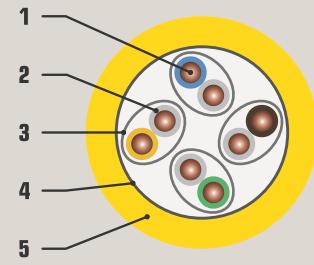
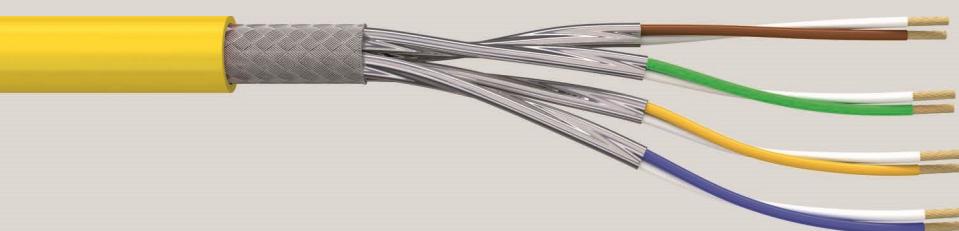




AIXONLAN-2000

Cat.8 S/FTP AWG 22/1 LSOH



PRODUKTBESCHREIBUNG

Geschirmtes Installationskabel für den Einsatz in anwendungsneutralen Gebäudeverkabelungen nach ISO/IEC 11801 und EN 50173. Geeignet für alle Video-/Daten-/ Sprachanwendungen nach IEEE 802.3 (cablesharing, VoIP, PoE, PoE+) und Übertragungseigenschaften bis Klasse II/ 2000 MHz bis 40 GbE.

PRODUCT DESCRIPTION

Shielded data cable with solid wire for structured in-house cabling according to ISO/IEC 11801 and EN 50173. Suitable for all video-/ data-/ voice-applications acc. to IEEE 802.3 (cable sharing/ VoIP/ PoE/ PoE+) and ready for transfer properties up to Class II/ 2000 MHz up to 40 GbE.

KONSTRUKTION

1. Leiter	bl. Kupferdraht 0,62 mm AWG 22/1
2. Isolierung	PE Ø 1,6 mm
3. Paarschirmung	kaschierte Polyesterfolie
4. Gesamtschirmung	Kupfer-Geflecht, verzinkt
5. Außenmantel	LSOH, FRNC

CONSTRUCTION

1. Conductor	bare copper wire Ø 0,62 mm AWG 22/1
2. Isolation	PE Ø 1,6 mm
3. Pair Shielding	laminated polyester foil
4. Overall Shielding	copper-braid, tinned
5. Outer Sheath	LSOH, FRNC

TECHNISCHE INFORMATION

Elektrische Werte	Cat.8.2, Klasse II, > 40 GbE
Normen	ISO/IEC 11801(2nd ed.) / EN 50173
Brandverhalten	IEC, 60332-3-24, IEC61034-1/2, IEC 60754-1/2 Euro-class Eca/Dca
Brandlast	0,74 MJ/m
Biegeradien	Bel. \geq 4x Ø; o. Bel. \geq 8 x Ø
Zugfestigkeit	max. 130 N
Betriebstemperatur	ruhend -20°C bis +60°C; bewegt 0°C bis +50°C
Kabel-Ø	8,1 mm

TECHNICAL INFORMATION

Electrical Values	Cat.8.2, Class II, > 40 GbE
Norms	ISO/IEC 11801(2nd ed.) / EN 50173
Fire Behavior	IEC, 60332-3-24, IEC61034-1/2, IEC 60754-1/2 Euro-class Eca/Dca
Fire Load	0,74 MJ/m
Bending Radius	on load \geq 4x Ø; w.o. load \geq 8 x Ø
Tensil strength	max. 130 N
Operating Temperature	resting -20°C up to +60°C; in operation 0°C up to +50°C
Cable-Ø	8,1 mm

F (MHz)	Attenuation (dB/50m)	NEXT (dB)	PS-NEXT (dB)	ACR (dB/100m)	PS-ACR (dB/100m)	EL-FEXT (dB/100m)	PS-ELFEXT (dB)	RL (dB)
10	2.9	78	75	75.1	72.1	78	75	25
100	9.3	75.4	72.4	66.1	63.1	60.6	57.6	22.5
250	14.7	69.5	66.5	54.8	51.8	52.6	49.6	20.1
500	21.4	64.9	61.9	43.5	40.5	46.6	43.6	17.3
800	27.5	61.9	58.9	34.4	31.4	42.5	39.5	16.1
1000	31.0	60.4	57.4	29.4	26.4	40.6	37.6	15.2
1600	40.0	57.3	54.3	17.3	14.3	36.5	33.5	13.8
1700	41.4	56.9	53.9	15.5	12.5	36.0	33.0	13.6
1800	42.7	56.6	53.6	13.9	10.9	35.5	32.5	13.4
1900	44.0	56.2	53.2	12.2	9.2	35.0	32.0	13.3
2000	45.3	55.9	52.9	10.7	7.7	34.6	31.6	13.1

*Werte nur zur Information/ Values for information only

LÄNGE/ LENGTH	EINHEIT/ UNIT	YL
100 m	Ring/ ring	10112.YL-100m
500 m	Trommel/ drum	10112.YL-500m
1000 m	Trommel/ drum	10112.YL-1000m

BESTELLINFORMATION/ ORDERINFORMATION

Typennummer/ Type Number: 10112
 Artikelbezeichnung/ Item Description: AIXONLAN-2000 Cat.8 S/FTP AWG 22/1 LSOH

Weitere Längen und Farben auf Anfrage erhältlich/ Other lengths available on request