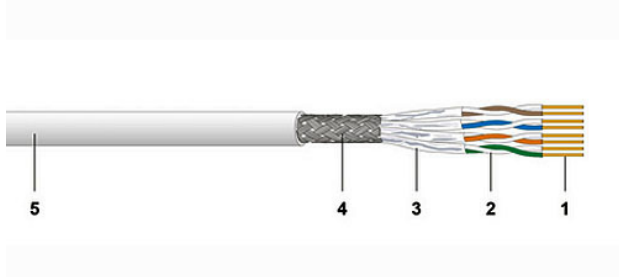


CU 7000 4P Home

Data cable, S/FTP, Category 7, AWG26, Euroclass Dca

1000 MHz



Also available in PullQuick box

- 1 Inner conductor: AWG26 bare copper wire
- 2 Wire: 1.0mm ;
- 3 Screen (pair): Alu PETP foil
- 4 Overall screen: Tinned braided copper
- 5 Outer sheath: FRNC/LS0H white RAL 9010



Descrizione

Electrically and mechanically high-quality Cat.7 data cable - exceeds the requirements of ISO/IEC 11801, IEC 61156-5, EN 50173-1 and EN 50288-4-1 on links up to 60 metres.

Excellent shielding effect due to individually screened pairs and overall copper braid.

Compatible with all current connecting hardware in accordance with EN 50173 and ISO/IEC 11801.

Applicazione

Data cable for in-home network cabling and residential premise cabling with maximum link lengths of up to 60 metres.

For the transmission of digital and analogue voice, video and data signals.

Supports Ethernet protocols up to 10GBase-T and all Power over Ethernet applications.

10GBase-T is fully supported when installing up to three CU 7000 4P cables in the same M20 pipe and four CU 7000 4P cables in the same M25 pipe (Alien NEXT cancellation due to foil and braid shielding).

Suitable for all ICT network applications up to class F applications (600 MHz) in accordance with EN 50173-1 and ISO/IEC 11801 on links up to 60 m.

Proprietà generali

Campo di applicazione	Interno
Colore del filo	bianco/blu, bianco/arancio, bianco/verde, bianco/marrone, in conformità alle norme IEC 60189 e IEC 60708
Impronta	DATWYLER «cable type» «additional text» «batch number» «meter marks»
Installation temperature	0 °C - +50 °C
Operating temperature	-20 °C - +60 °C
Colore della guaina esterna	bianco
Materiale della guaina esterna	FRNC/LSZH

Proprietà elettriche

Attenuazione di accoppiamento	85 dB
Categoria	Cat.7
Gbit/s	A 10 Gbit/s
Impedenza a 100 MHz, $\pm 5\Omega$	100 Ω
Loop resistance at 20°C	260 Ω /km
Near end unbalance attenuation LCL at 1-600 MHz	40 dB
NVP %	81
operating capacity	41 pF/m
Ritardo Skew	12 ns/100 m
Schermatura	schermati
Segregation class	d
Transfer impedance 1/10/30 MHz	< 11/10/30/100 m Ω /m

Frequenza [MHz]	Categoria	Attenuazione [dB] (60M)	NEXT [dB]	PS-NEXT [dB]	ACR-N [dB]	PS-ACR-N [dB]	ACR-F [dB]	Perdita di ritorno [dB]
1		1,5	100	97	98	95	98	26
4		2,8	100	97	97	94	98	30
10		4,2	100	97	95	92	98	33
100	5e	14,0	100	97	86	83	82	33
250	6	22,5	100	97	77	74	73	28
500	6 _A	32,0	92	89	60	57	63	26
600	7	35,0	90	87	55	52	60	25
800		41	90	87	49	46	56	23
862		43	85	82	42	39	54	22
1.000		48	80	77	32	29	51	21

I dati sulle prestazioni indicati sono valori tipici misurati.

Proprietà meccaniche

Solid / Flex	stabile
AWG	26
Curvatura minima durante l'installazione	46 mm
Minimum bending radius permanently installed	23 mm
Minimum number of impacts	3
Resistenza alla trazione (4P)	62 N
Resistenza minima allo schiacciamento / 10cm	1.000 N

Standards

Cat./Class	Cat.7 / Class F
PoE	IEEE 802.3at
Reaction to fire (Euroclasses)	EN 13501-6: D _{ca}
Zero alogeni nessun gas corrosivo	IEC 60754-1/-2, EN 60754-1/-2, VDE 0482-754-1/-2
Propagazione della fiamma	EN 60332-1-2, IEC 60332-1-2, VDE 0482-332-1-2
Flame Spread	IEC 60332-3-24, EN 60332-3-24
Densità del fumo	IEC 61034-1/-2, EN 61034-1/-2, VDE 0482-1034-1/-2
Standard dei cavi	ISO/IEC 61156-5, EN 50288-4-1

Versioni

Codice art.	Prodotto	Reaction To Fire	Dimensions n x p x [mm (AWG)]	Dimensioni della guaina esterna [mm]	Tasso di CU [kg/km]	Weight [kg/km]	Fire load [kWh/m]	Unità di imballaggio	GTIN / EAN
19199100DP	CU 7000 4P	Dca-s2,d1,a1	4 x 2 x 0.42 (AWG26)	5.6	18	35	0,11	305 m PullQuick box	40393910029031

Con riserva di modifiche tecniche

A partire da 2022-08-12 07:39:16