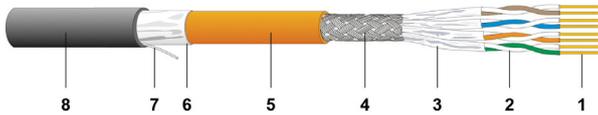


CU 7702 4P FRNC/GG/FRNC

Data cable, S/FTP, Category 7_A, AWG22, Euroclass Cca

1300 MHz



- 1 Inner conductor: AWG23 Bare copper wire
- 2 PE insulated conductor: 1.52 mm Ø
- 3 Screen (pair): Alu PETP foil
- 4 Overall screen: Tinned braided copper
- 5 Sheath: FRNC/LS0H orange RAL 2003
- 6 Rodent protection: with glass rovings
- 7 Ripcord
- 8 Outer sheath: FRNC/LS0H black



Descrizione

Applicable for outdoor installation due to rodent protection and UV resistant outer cable sheath.

Robust cable design with a high mechanical stability.

Electrically and mechanically superior quality Cat.7_A data cable - exceeds the requirements of ISO/IEC 11801-1, IEC 61156-5, EN 50173-1 and EN 50288-9-1.

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 11801-1.

Applicazione

Data cable for structured premise cabling with enhanced mechanical and fire protection performance.

Designed for installation in Tunnels, Metro-Systems and Buildings with augmented requirements.

With rodent protection and UV protected outer sheath. Installation in ducts, tubes and on cable support systems.

Suitable for all ICT network applications up to class F_A applications (1000 MHz) in accordance with EN 50173-1 and ISO/IEC 11801.

Supports 10Base-T, 100Base-T, 1GBase-T (1000Base-T) and 10GBase-T.

Applicable for Power over Ethernet PoE / PoE+ / 4PPoE.

Costruzione

Materiale della guaina esterna	FRNC/LSZH
Colore della guaina esterna	nero

Proprietà generali

Installation temperature	0 °C - +50 °C
Operating temperature	-20 °C - +60 °C
Colore del filo	bianco/blu-bianco, bianco/arancio-bianco, bianco/verde-bianco, bianco/marrone-bianco (con strisce longitudinali)
Impronta	DATWYLER «cable type» «additional text» «batch number» «meter marks»
Campo di applicazione	All'aperto

Proprietà elettriche

Categoria	Cat.7 _A
Gbit/s	A 10 Gbit/s
Loop resistance at 20 °C	116 Ω/km
Operating capacity	43 pF/m
Impedenza a 100 MHz, ±5Ω	100 Ω
NVP %	76
Ritardo Skew	15 ns/100 m
Schermatura	schermati
Near end unbalance attenuation LCL at 1-600 MHz	40 dB
Transfer impedance 1/10/30 MHz	< 5/5/8 mΩ/m
Attenuazione di accoppiamento	85 dB
Segregation class	d

Frequenza [MHz]	Categoria	Attenuazione [dB]	NEXT [dB]	PS-NEXT [dB]	ACR-N [dB]	PS-ACR-N [dB]	ACR-F [dB]	Perdita di ritorno [dB]
1		1,7	103	100	101	98	109	26
4		3,4	103	100	100	97	107	30
10		5,3	103	100	98	95	105	33
100	5e	16,9	103	100	86	83	93	33
250	6	27	103	100	76	73	83	28
500	6 _A	40	98	95	58	55	70	26
600	7	42	96	93	54	51	65	25
862		53	92	89	39	36	57	24
1.000	7 _A	56	90	87	34	31	54	23
1.200		62	85	82	23	20	46	21

I dati sulle prestazioni indicati sono valori tipici misurati.

Proprietà meccaniche

Solid / Flex	stabile
AWG	22
Raggio di curvatura minimo (installato in modo permanente)	48 mm
Curvatura minima (durante l'installazione)	96 mm
Minimum number of impacts	10

Standards

Reaction to fire	EN 13501-6
Euroclass	C _{ca}
Densità del fumo	IEC 61034-1/-2, EN 61034-1/-2
Zero alogeni nessun gas corrosivo	IEC 60754-1/-2, EN 60754-1/-2
Propagazione della fiamma	EN 60332-1-2, IEC 60332-1-2, VDE 0482-332-1-2
Standard dei cavi	ISO/IEC 61156-5, EN 50288-9-1
Cat./Class	Cat.7 _A / Class F _A
PoE	IEEE 802.3bt Type 4 (100W)

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
19435400CZ	CU 7702 4P	Cca-s1a,d1,a1	4 x 2 x 0.62 (AWG22)	12.0	34,9	166,7	0,55	al metro	40393910022704

Con riserva di modifiche tecniche

A partire da 2024-02-19 13:57:46