CU 7702 4P flex Industrial PUR

Industrial flexible data cable, S/FTP, Category 7, AWG26, Euroclass Eca

862 MHz

1 Inner conductor: AWG26, bare copper wire, stranded
2 PE insulated conductor: Ø 0.99 mm
3 Screen (pair): Alu PETP foil
4 Overall screen: tinned braided copper
5 Outer sheath: PUR orange RAL 2003

Descrizione

Electrically and mechanically superior quality Cat.7 patch cord with PUR sheath - exceeds the requirements of ISO/IEC 11801, IEC 61156-6, EN 50173-1 and EN 50288-4-2.
Excellent shielding effect due to individually screened pairs and overall copper braid.
Easy wire identification and termination due to different coloured wires.
Compatible with all current connecting hardware in accordance with EN 50173 and ISO/IEC 11801.
Compatible with Datwyler IP67 RJ45 plug.

Applicazione

As patch cord in patch panels and as equipment connection cable - designed for use in industrial areas.
Oil resistant.
For transmission of digital and analogue voice, video and data signals.
For flexible workplace cabling with long patch cords.
Especially suitable for CP (Consolidation Point) applications.
Suitable for all ICT network applications up to class F applications (600 MHz) in accordance with EN 50173-1 and ISO/IEC 11801.
Applicable for Power over Ethernet (PoE) / PoE+.

Proprietà generali

Campo di applicazione	Industriale
Colore del filo	bianco/blu, rosso/arancio, nero/verde, giallo/marrone, secondo IEC 60189 e IEC 60708
Impronta	DATWYLER «cable type» «additional text» «batch number» «meter marks»
Installation temperature	0 °C - +50 °C
Operating temperature	-30 °C - +60 °C
Colore della guaina esterna	arancia
Materiale della guaina esterna	PUR

Proprietà elettriche

Attenuazione di accoppiamento	70 dB
Categoria	Cat.7
GBit\s	A 10 Gbit/s
Impedenza a 100 MHz, ±5Ω	100 Ω
Loop resistance at 20°C	270 Ω/km
Near end unbalance attenuation LCL at 1-600 MHz	40 dB
NVP %	78
operating capacity	43 pF/m
Ritardo Skew	4 ns/100 m
Schermatura	schermati
Segregation class	c
Transfer impedance	10 mΩ/m

Frequenza	Category [1 MHz]	NEXT [1 MHz]	PS-NEXT [1 MHz]	ACR-N [1 MHz] 10M	ACR-F [1 MHz] 10M	Return Loss [1 MHz]
1		100	97	100	100	26
4		100	97	99	99	32
10		100	97	99	99	35
100	5e	100	97	97	97	30
				97		
250	6	95	92	91	95	27
500	6_A	92	89	86	91	24
600	7	90	87	83	88	23
800		90	87	82	87	21
862		90	87	82	87	21

I dati sulle prestazioni indicati sono valori tipici misurati.

Proprietà meccaniche

Solid / Flex	Filo a trefoli (flessibile)
AWG	26
Minimum bending radius	34 mm
Minimum number of impacts	10
Repeated bending	1000 cycles
Resistenza alla trazione (4P)	56 N

Standards

Cat./Class	Cat.7 / Class F
Oil resistance	IEC 60811-404, EN 60811-2-1
PoE	IEEE 802.3af
Reaction to fire (Euroclasses)	EN 13501-6: E_{ca}
Zero alogeni nessun gas corrosivo	IEC 60754-1/-2, EN 60754-1/-2, VDE 0482-754-1/-2, AREI-RGIE Art.104-SA
Propagazione della fiamma	AREI-RGIE Art.104-F1, EN 60332-1-2, IEC 60332-1-2, VDE 0482-332-1-2
Standard dei cavi	ISO/IEC 61156-6, EN 50288-4-2

Versioni

Codice art.	Prodotto	Reaction To Fire	Dimensions n x p x [mm² (AWG)]	Dimensioni della guaina esterna [mm]	Tasso di CU [kg/km]	Weight [kg/km]	Fire load [kWh/m]	Unità di imballaggio	GTIN / EAN
18768800EK	CU 7702 4P Flex PUR	Eca	4 x 2 x 0.132 (AWG26)	6.4	18,1	42	0,15	1000 m tamburo	40393910035735
18768800EZ	CU 7702 4P Flex PUR	Eca	4 x 2 x 0.132 (AWG26)	6.4	18,1	42	0,15	al metro	40393910035704

Con riserva di modifiche tecniche

A partire da 2022-08-12 07:39:14