

CU 2P flex Multimedia

Flexible data cable, S/FTP, Category 7, AWG26



- 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: FR/PVC grey RAL 7035



Description

Electrically and mechanically superior quality 2-pair Cat.7 patch cord - 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.

Optimised for RJ45 connecting systems.

Applicazione

As patch cord in patch panels and as equipment connection cable.

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

For flexible workstation cabling with long patch cables.

Suitable for all 2 pair ICT network applications up to class F applications (600 MHz) in accordance with EN 50173-1 and ISO/IEC 11801.

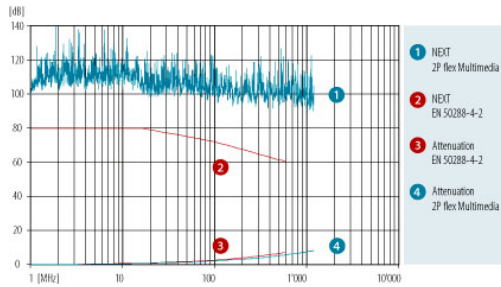
Proprietà generali

Colore del filo	2P: white/blue, white/orange
Impronta	DATWYLER «cable type» «additional text» «batch number» «meter marks»
Installation temperature	0 °C - +50 °C
Integrità del circuito	No
Operating temperature	-20 °C - +60 °C

Proprietà elettriche

Attenuazione di accoppiamento	70 dB
Category	Cat.7
EMC	shielded
Gbit/s	Up to 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
Segregation class	c

Transfer impedance 10 mΩ/m



Frequenza [MHz]	Categoria	Attenuation [dB] (10M)	NEXT [dB]	ACR-N [dB] (10M)	Perdita di ritorno [dB]
1		0,26	100	100	26
4		0,5	100	99	32
10		0,79	100	99	35
100	5e	2,67	100	97	30
250	6	4,3	95	91	27
500	6 _A	6,2	92	86	24
600	7	6,71	90	83	23
800		7,9	90	82	21
862		8,3	90	82	21
1.000		8,9	90	81	20
1.200		9,9	90	80	19

Proprietà meccaniche

Solid / Flex	Filo a trefoli (flessibile)
AWG	26
Minimum bending radius	28 mm
Repeated bending	1000 cycles
Resistenza alla trazione (4P)	18 N

Standards

Cat./Class	Cat.7 / Class F
PoE	IEEE 802.3af
Zero halogen no corrosive gases	IEC 60754-1/-2, EN 60754-1/-2, VDE 0482-754-1/-2, AREI-RGIE Art.104-SA
Flame Propagation	AREI-RGIE Art.104-F1, EN 60332-1-2, IEC 60332-1-2, VDE 0482-332-1-2
Smoke Density	IEC 61034-1/-2, EN 61034-1/-2, VDE 0482-1034-1/-2, AREI-RGIE Art.104-SD

Versions

Numero Materiale	Numero di coppie	AWG	Product	Reaction To Fire	Outer sheath colour	Diametro mm ²	Diametro esterno della guaina [mm]	Tasso di CU [kg\km]	Weight [kg\km]	Fire load [kWh\m]	Number of cables
182885	2	AWG26	CU 7702 2P Flex	Eca	grigio	0.132	5	12,0	29	0,09	1