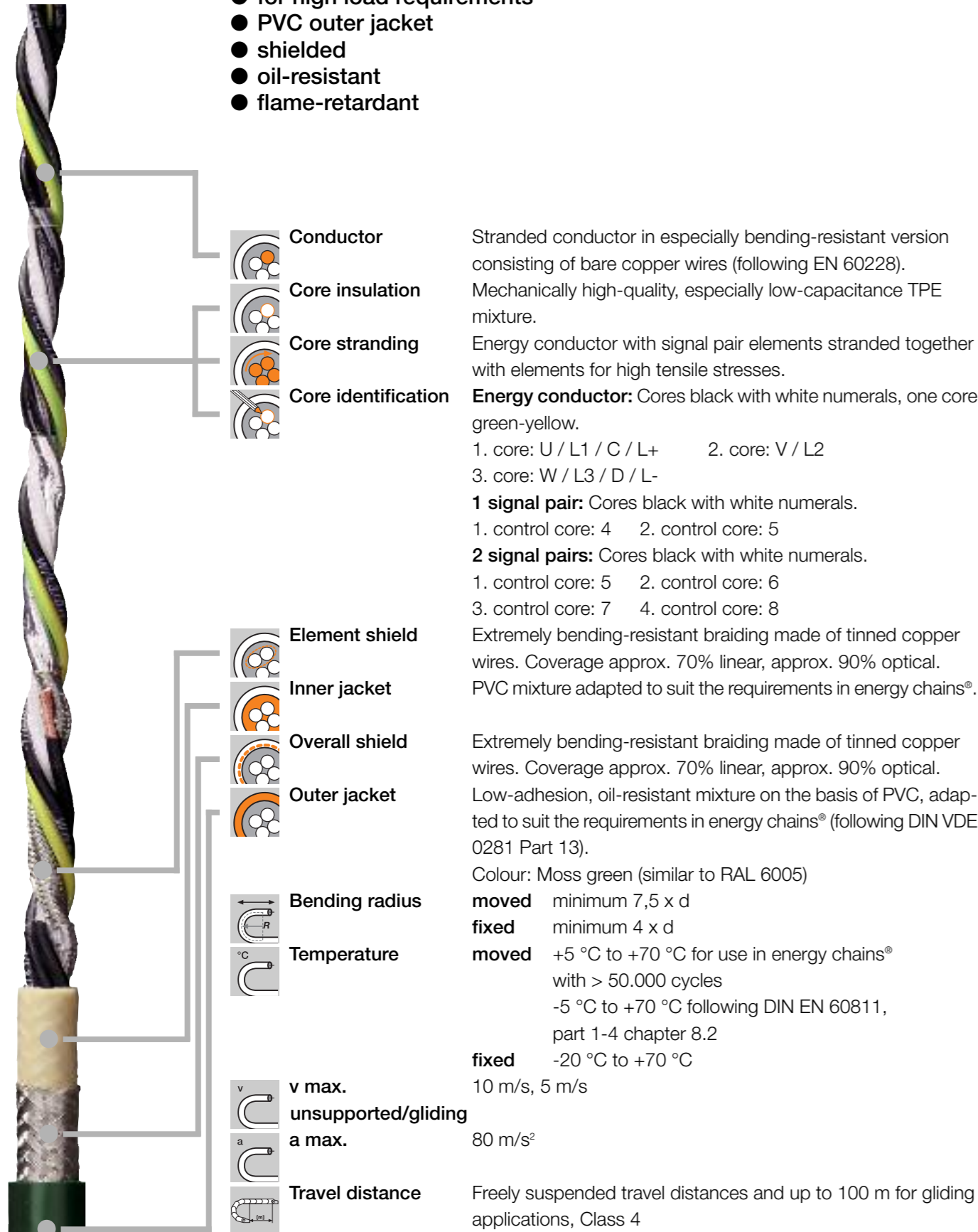


# PVC Servo cable | CF21.UL

- for high load requirements
- PVC outer jacket
- shielded
- oil-resistant
- flame-retardant



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**1030 types from stock no cutting costs ...**  
(for up to 10 cuts of the same type)

## Class 5.4.2 (5 high load requirements 4 travel distance up to 100 m 2 oil-resistant)

	<b>UV-resistant</b>	Medium
	<b>Nominal voltage</b>	600/1000 V (following DIN VDE 0250).
	<b>Testing voltage</b>	4000 V (following DIN VDE 0281-2).
	<b>Oil</b>	Oil-resistant (following DIN EN 50363-4-1), Class 2.
	<b>Flame-retardant</b>	According to IEC 60332-1-2, CEI 20-35, FT1, VW-1
	<b>Silicon-free</b>	Free from silicon which can affect paint adhesion (following PV 3.10.7 – status 1992).
	<b>UL/CSA</b>	Style 10492 and 2570, 1000 V, 80 °C
	<b>NFPA</b>	Following NFPA 79-2012 chapter 12.9
	<b>CEI</b>	Following CEI 20-35
	<b>CE</b>	Following 2006/95/EG
	<b>Lead free</b>	Following 2011/65/EC (RoHS-II)
	<b>Clean room</b>	According to ISO Class 2. Outer jacket material complies with CF5.10.07, tested by IPA according to standard 14644-1.
	<b>CTP</b>	Certified according to N° C-DE.PB49.V.00397
	<b>EAC</b>	Certified according to N° TC RU C-DE.ME77.B.00964

**New! Guaranteed lifetime for this series according to the "chainflex® guarantee club" conditions ► Page 22-25**

Double strokes*		5 million			7,5 million		10 million	
Temperature, from/to [°C]	v max. [m/s]	unsupported	gliding	a max. [m/s²]	Travel distance [m]	R min. [factor x d]	R min. [factor x d]	R min. [factor x d]
-5 / +5				80	≤ 100	10	11	12
+5 / +60	10	5				7,5	8,5	9,5
+60 / +70						10	11	12

\* higher number of double strokes possible

### Typical application area

- for high load requirements
- light oil influence
- preferably indoor applications, but also outdoor ones at temperatures > 5 °C
- freely suspended travel distances and up to 100 m for gliding applications
- Storage and retrieval units for high-bay warehouses, machining units/package machines, quick handling, indoor cranes

Test data ► Page 56 or [www.igus.eu/test12](http://www.igus.eu/test12)

**... no minimum order quantity ...**

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Image exemplary.

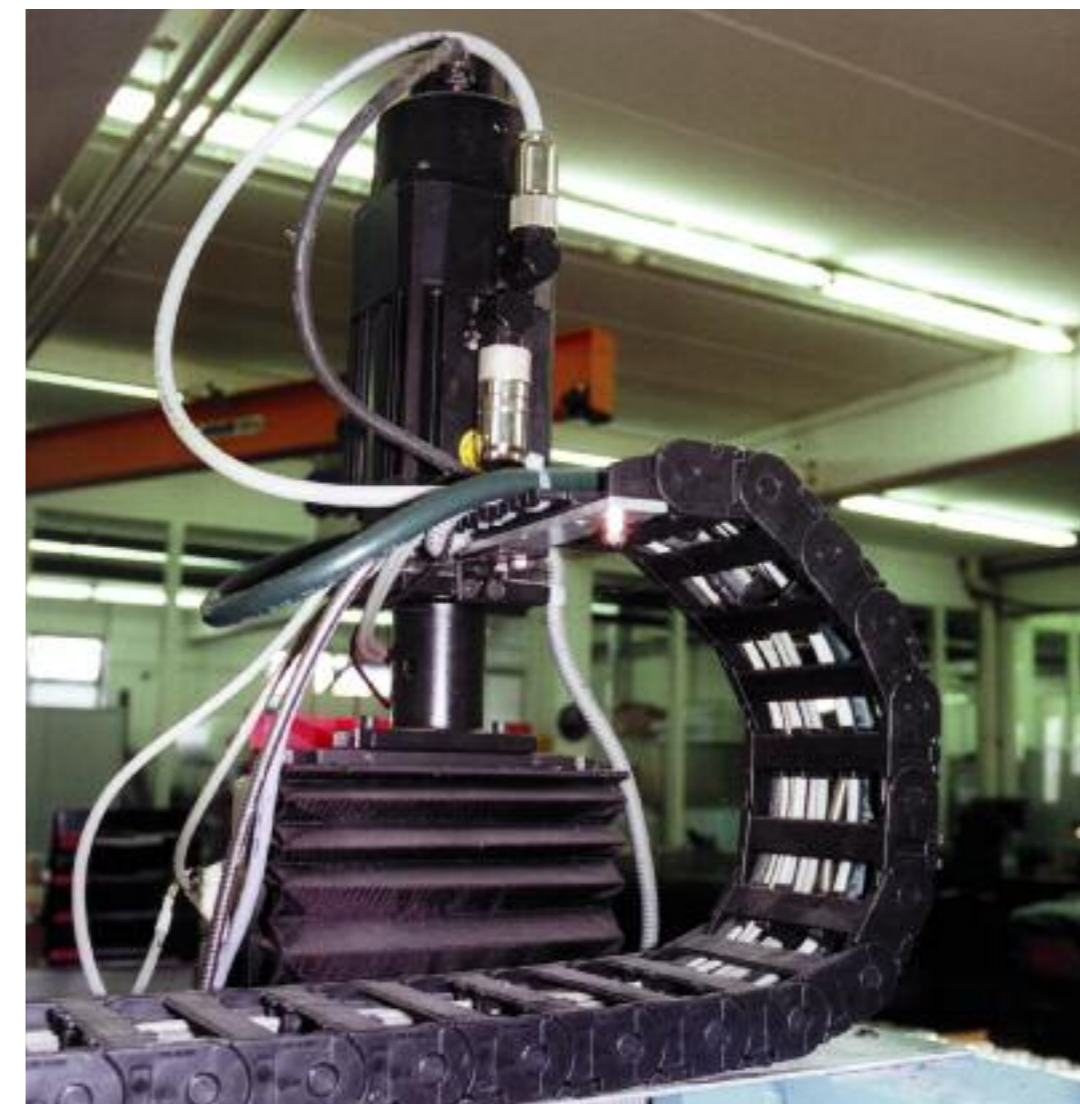
Delivery program Part No.	Number of cores and conductor nominal cross section [mm <sup>2</sup> ]	External diameter max. [mm]	Copper index [kg/km]	Weight [kg/km]
<b>1 signal pair shielded</b>				
CF21.07.05.02.01.UL	(4 G 0,75+(2x0,5)C)C	11,5	95	185
CF21.15.15.02.01.UL	(4 G 1,5+(2x1,5)C)C	13,0	144	280
CF21.25.15.02.01.UL	(4 G 2,5+(2x1,5)C)C	14,0	197	312
CF21.40.15.02.01.UL	(4 G 4,0+(2x1,5)C)C	15,5	256	412
CF21.60.15.02.01.UL	(4 G 6,0+(2x1,5)C)C	18,0	357	605
CF21.100.15.02.01.UL	(4 G 10,0+(2x1,5)C)C	22,5	540	925
CF21.160.15.02.01.UL <sup>(1)</sup>	(4 G 16,0+(2x1,5)C)C	24,5	716	1165
CF21.250.15.02.01.UL <sup>(1)</sup>	(4 G 25,0+(2x1,5)C)C	29,5	1056	1466
CF21.350.15.02.01.UL <sup>(1)</sup>	(4 G 35,0+(2x1,5)C)C	33,0	1557	2090
<b>2 signal pairs shielded</b>				
CF21.07.03.02.02.UL	(4 G 0,75+2x(2x0,34)C)C	12,5	113	217
CF21.10.07.02.02.UL	(4 G 1,0+2x(2x0,75)C)C	13,5	146	277
CF21.15.07.02.02.UL	(4 G 1,5+2x(2x0,75)C)C	14,5	175	324
CF21.25.15.02.02.UL	(4 G 2,5+2x(2x1,5)C)C	17,0	265	450
CF21.40.15.02.02.UL	(4 G 4,0+2x(2x1,5)C)C	18,5	313	527
CF21.60.15.02.02.UL	(4 G 6,0+2x(2x1,5)C)C	21,0	409	712
CF21.100.15.02.02.UL	(4 G 10,0+2x(2x1,5)C)C	24,0	594	1025
CF21.160.15.02.02.UL	(4 G 16,0+2x(2x1,5)C)C	27,0	790	1270
CF21.250.15.02.02.UL	(4 G 25,0+2x(2x1,5)C)C	31,0	1140	1910
CF21.350.15.02.02.UL	(4 G 35,0+2x(2x1,5)C)C	34,0	1597	2175

(1) Delivery time upon inquiry.  
**Note:** The mentioned external diameters are maximum values and may tend toward lower tolerance limits.  
 G = with green-yellow earth core    x = without earth core

 **Order example: CF21.15.15.02.01.UL – in your desired length (0,5 m steps)**  
 CF21.UL chainflex® series .15 Code nominal cross section .15 Code nominal cross section signalpairs  
 .02 Identification pairs .01 Number of pairs

 **prices** price list online  
[www.chainflex.eu/CF21UL](http://www.chainflex.eu/CF21UL)

 **delivery time** despatched in  
 24 hours or today



chainflex® CF21.UL: cables for energy supply systems in spinneret production. e-chain®: Serie E2/000

**... no minimum order quantity ...**

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