

CF130.UL  
PVC  
7.5-10xd



Fine-wire stranded conductor



Center element for high tensile stresses



Braiding in bundles around high-tensile center cord



Gusset-filled extruded

Class 4.2.1



54

# PVC Control cable Chainflex® CF130.UL

- for medium load requirements
- PVC outer jacket
- flame-retardant



Temperature range moved

-5 °C to +70 °C, minimum bending radius 7.5 x d with < 10 m travel; minimum bending radius 10 x d with ≥ 10 m travel



Temperature range fixed

-20 °C to +70 °C, minimum bending radius 5 x d



v max. unsupported/gliding

3 m/s, 2 m/s



a max.

20 m/s<sup>2</sup>



Travel distance

Freely suspended travel distances and for gliding applications up to 50 m, Class 2



Nominal voltage

**Number of cores < 12:** 300/500 V  
**Number of cores < 12 (0.25-0.34):** 300/300 V  
**Number of cores ≥ 12:** 300/300 V  
(following DIN VDE 0245)



Testing voltage

2000 V (following DIN VDE 0281-2).



Flame-retardant

According to IEC 332-1, CEI 20-35, FT1.



Silicon-free

Free from silicon which can affect paint adhesion (following PV 3.10.7 – status 1992).



Conductor

Fine-wire stranded conductor consisting of bare copper wires (following EN 60228).



Core insulation

Mechanically high-quality TPE mixture.



Core stranding

**Number of cores < 12:** cores stranded in a layer with short pitch length.

**Number of cores ≥ 12:** cores combined in bundles and stranded together around a centre for high tensile stresses with adapted, short pitch lengths and pitch directions, especially low-torsion structure.



Core identification

**Cores < 0.5 mm<sup>2</sup>:** colour code in accordance with DIN 47100  
**Cores ≥ 0.5 mm<sup>2</sup>:** cores black with white numerals, one core green/yellow.



Outer jacket

Low-adhesion mixture on the basis of PVC, adapted to suit the requirements in Energy Chains® (following DIN VDE 0282 Part 10).

Colour: gray (similar to RAL 7001)

... no minimum order quantity  
eplan download, configurator, PDF catalogues, lifetime ...

# Class 4.2.1

Price index



igus®

CF130.UL  
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	UL/CSA	Style 10493 and 20200, 300 V, 60 °C
	CEI	Following CEI 20-35
	CE	Following 2006/95/EG
	Lead free	Following EU guideline (RoHS) 2002/95/EC.

## Typical application area

- for medium load requirements
- without influence of oil
- preferably indoor applications
- especially for freely suspended travel distances and for gliding applications up 50 m
- wood/stone processing, packaging industry, supply system, handling, adjusting equipment

Control cable

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