

















PUR Fibre optic cable (FOC) | CFLK

- POF fibres for high load requirements and interference-free transmission
- PUR outer jacket
- oil-resistant and coolant-resistant

	Fibre cable	980/1000 µm fibre with PE isolation.
	Core stranding	POF fibre with stranded high-tensile plastic reinforcement.
	Core identification	Core black.
	Outer jacket	Low-adhesion mixture on the basis of PUR, adapted to suit the requirements in energy chains® (following DIN VDE 0282 Part 10). Colour: Red lilac (similar to RAL 4001)
	Bending radius	moved minimum 12,5 x d fixed minimum 7,5 x d
	Temperature	moved -20 °C to +60 °C fixed -25 °C to +60 °C
	v max.	10 m/s, 5 m/s
	unsupported/gliding	
	a max.	20 m/s²
	Travel distance	Freely suspended travel distances and up to 20 m for gliding applications, Class 2
	UV-resistant	Medium
	Oil	Oil-resistant (following DIN EN 50363-10-2), Class 3.
	Silicon-free	Free from silicon which can affect paint adhesion (following PV 3.10.7 – status 1992).
	Halogen-free	Following EN 50267-2-1.
	CE	Following 2006/95/EG
	Lead free	Following 2011/65/EC (RoHS-II)

Typical application area

- for high load requirements
- maximum EMC protection
- almost unlimited resistance to oil
- preferably indoor applications
- freely suspended travel distances and up to 20 m for gliding applications
- Wood/stone processing, packaging industry, supply system, handling, adjusting equipment

 **eplan download, configurator** ► www.igus.eu/CFLK

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

Class 5.2.3 (5 high load requirements 2 travel distance up to 20 m 3 oil-resistant)

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]	a max. [m/s²]	Travel distance [m]	R min. [factor x d]	R min. [factor x d]	R min. [factor x d]
	unsupported	gliding				
-20 / -10				15	16	17
-10 / +50	10	5	≤ 20	12,5	13,5	14,5
+50 / +60				15	16	17


* higher number of double strokes possible

Delivery program Part No.	Number of fibres	Fibre diameter approx. [µm]	External diameter max. [mm]	Weight [kg/km]
CFLK.L1.01⁽¹⁾	1	980/1000	6,0	25

(1) Delivery time upon inquiry

Note: The mentioned external diameters are maximum values and may tend toward lower tolerance limits.

Part No.	Bandwidth with 650 nm [MHz x km]	Attenuation with 650 nm [dB/km]	Fibres identification
CFLK.L1.01	40	200	black

 **Order example: CFLK.L1.01 – in your desired length (0,5 m steps)**
CFLK chainflex® series .L1 Type of fibres .01 Number of cores

 **prices** price list online
www.chainflex.eu/CFLK

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



Woodworking machines with e-chains® and chainflex® cables

... no minimum order quantity ...

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