TPE Power cable | CF310.UL

- for maximum load requirements
- TPE outer jacket
- shielded
- oil-resistant, biooil-resistant
- flame-retardant
- UV-resistant
- hydrolysis-resistant and microbe-resistant

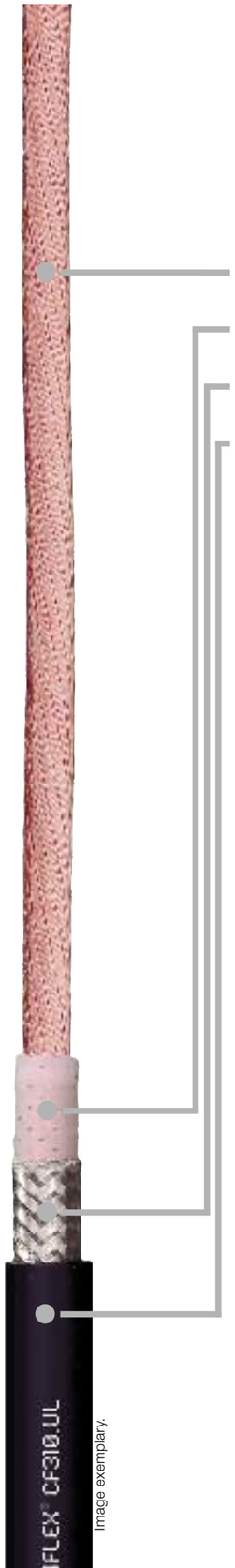

Image exemplary.

Conductor	Conductor cable consisting of pre-leads (following EN 60228).
Core insulation	Mechanically high-quality TPE mixture.
Overall shield	Extremely bending-resistant braiding made of tinned copper wires. Coverage approx. 70% linear, approx. 90% optical.
Outer jacket	Low-adhesion mixture on the basis of TPE, especially abrasion-resistant and highly flexible, adapted to suit the requirements in energy chains®. Colour: Jet black (similar to RAL 9005)
T/R moved	-35 °C to +90 °C, minimum bending radius 7,5 x d
T/R fixed	-40 °C to +90 °C, minimum bending radius 4 x d
v max. unsupported/gliding	10 m/s, 6 m/s
a max.	100 m/s²
Travel distance	Freely suspended and gliding travel distances up to 400 m and more, Class 4
UV-resistant	High
Nominal voltage	600/1000 V (following DIN VDE 0250).
Testing voltage	4000 V (following DIN VDE 0281-2).
Oil	Oil-resistant (following DIN EN 60811-2-1), biooil-resistant (following VDMA 24568 with Plantocut 8 S-MB tested by DEA), Class 4.
Flame-retardant	According to IEC 60332-1-2, CEI 20-35, FT1, VW-1
Silicon-free	Free from silicon which can affect paint adhesion (following PV 3.10.7 – status 1992).
UL/CSA	Style 10492 and 21218, 1000 V, 80 °C
NFPA	Following NFPA 79-2012 chapter 12.9 (starting from manufacturing date 9/2011)
CEI	Following CEI 20-35

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950 types from stock no cutting costs ...

(for up to 10 cuts of the same type)

CF310.UL
TPE
7,5 x d

Class 6.4.4 (6 maximum load requirements 4 travel distance up to 400 m and more 4 oil-resistant)

CE	Following 2006/95/EG
Lead free	Following 2011/55/EU (RoHS-II)
Clean room	According to ISO Class 1. Outer jacket material complies with CF34.UL.25.04.D, tested by IPA according to standard 14644-1

Typical application area

- for maximum load requirements
- almost unlimited resistance to oil, also with bio-oils
- Indoor and outdoor applications, UV-resistant
- especially for freely suspended and gliding travel distances up to 400 m and more
- Storage and retrieval units for high-bay warehouses, machining units/machine tools, quick handling, clean room, semiconductor insertion, ship to shore, outdoor cranes, low-temperature applications

	Delivery program Part No.	Number of cores and conductor nominal cross section [mm²]	External diameter approx. [mm]	Copper index [kg/km]	Weight [kg/km]
*	**CF310.UL.25.01**	(1x2,5)C	6,5	39	61
	CF310.UL.40.01	(1x4,0)C	6,5	55	74
	CF310.UL.60.01	(1x6,0)C	7,5	75	97
	CF310.UL.100.01	(1x10,0)C	8,5	120	144
	CF310.UL.160.01	(1x16,0)C	10,0	178	210
	CF310.UL.250.01	(1x25,0)C	11,5	272	314
	CF310.UL.350.01	(1x35,0)C	13,5	380	423
	CF310.UL.500.01	(1x50,0)C	15,0	524	568
	CF310.UL.700.01	(1x70,0)C	17,5	689	748
	CF310.UL.950.01	(1x95,0)C	20,5	920	997
	CF310.UL.1200.01	(1x120,0)C	22,0	1140	1233
	CF310.UL.1500.01	(1x150,0)C	24,0	1436	1549
	CF310.UL.1850.01	(1x185,0)C	28,0	2020	2147

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: CF310.UL.40.01 – in your desired length (0,5 m steps)
CF310.UL chainflex® series **.40** Code nominal cross section **.01** Number of cores

Please use www.chainflex.eu/en/CF310 for your online order.

Delivery time 24h or today.
Delivery time means time until shipping of goods.

... no minimum order quantity ...