

TPE Control cable | CF9

Strip cables 50 % faster



Image exemplary.

Part No.	AWG	Number of conductors and rated cross section [mm²]	Outer diameter max.		Copper index		Weight	
			in.	mm	lbs/mft	kg/km	lbs/mft	kg/km
CF9-02-02	24	2 x 0.25	0.18	4.5	4.0	6	12.1	18
CF9-02-03-INI	24	3 x 0.25	0.18	4.5	5.4	8	14.8	22
CF9-02-06	24	6 x 0.25	0.22	5.5	10.8	16	24.9	37
CF9-02-07	24	7 x 0.25	0.26	6.5	12.8	19	29.6	44
CF9-02-08	24	8 x 0.25	0.26	6.5	14.8	22	33.6	50
CF9-02-12	24	12 x 0.25	0.31	8.0	21.5	32	49.1	73
CF9-02-18 ¹⁾	24	18 x 0.25	0.37	9.5	32.3	48	70.6	105
CF9-02-20	24	20 x 0.25	0.37	9.5	35.6	53	74.6	111
CF9-03-04-INI	22	4 x 0.34	0.20	5.0	10.1	15	21.5	32
CF9-03-05-INI	22	5 x 0.34	0.22	5.5	12.1	18	25.5	38
CF9-03-06	22	6 x 0.34	0.24	6.0	14.8	22	30.2	45
CF9-03-08	22	8 x 0.34	0.28	7.0	19.5	29	39.6	59
CF9-03-16-07-03-INI	22	16 x 0.34	0.43	11.0	55.1	82	106.8	159
	18	3 x 0.75						
CF9-05-02	20	2 x 0.5	0.20	5.0	7.4	11	17.5	26
CF9-05-03	20	3 x 0.5	0.20	5.0	10.8	16	21.5	32
CF9-05-04	20	4 x 0.5	0.22	5.5	14.8	22	26.9	40
CF9-05-05	20	5 x 0.5	0.24	6.0	18.1	27	32.3	48
CF9-05-07	20	7 x 0.5	0.28	7.0	24.9	37	44.3	66
CF9-05-12	20	12 x 0.5	0.39	10.0	43.0	64	80.6	120
CF9-05-18	20	18 x 0.5	0.45	11.5	64.5	96	118.9	177
CF9-05-25	20	25 x 0.5	0.51	13.0	88.7	132	158.6	236
CF9-05-36	20	36 x 0.5	0.61	15.5	128.3	191	224.4	334
CF9-07-04 ¹⁾	18	4 G 0.75	0.24	6.0	21.5	32	37.0	55
CF9-07-05	18	5 G 0.75	0.26	6.5	26.9	40	45.7	68
CF9-07-07	18	7 G 0.75	0.31	8.0	37.6	56	63.2	94
CF9-07-12	18	12 G 0.75	0.43	11.0	64.5	96	114.2	170
CF9-07-20	18	20 G 0.75	0.53	13.5	106.8	159	179.4	267
CF9-07-25	18	25 G 0.75	0.57	14.5	133.0	198	221.1	329
CF9-10-03	17	3 G 1.0	0.24	6.0	21.5	32	36.3	54
CF9-10-04	17	4 G 1.0	0.26	6.5	28.9	43	46.4	69
CF9-10-05	17	5 G 1.0	0.30	7.5	35.6	53	56.4	84
CF9-10-12	17	12 G 1.0	0.47	12.0	85.3	127	143.8	214
CF9-10-18	17	18 G 1.0	0.57	14.5	128.3	191	211.0	314
CF9-10-25	17	25 G 1.0	0.67	17.0	177.4	264	302.4	450

¹⁾ Delivery time upon request
Note: The mentioned outer diameters are maximum values.
G = with green-yellow earth core x = without earth core

Class 7.6.4.2

Requirements	low	1	2	3	4	5	6	7	highest
Travel distance	unsupported	1	2	3	4	5	6	1,312 ft +	
Oil-resistance	none	1	2	3	4	highest			
Torsion	none	1	2	3	±180°				

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			in.	mm	lbs/mft	kg/km	lbs/mft	kg/km
CF9-15-02	16	2 x 1.5	0.26	6.5	21.5	32	40.3	60
CF9-15-04	16	4 G 1.5	0.30	7.5	43.0	64	60.5	90
CF9-15-05	16	5 G 1.5	0.31	8.0	54.4	81	73.9	110
CF9-15-07 ¹⁷⁾	16	7 G 1.5	0.37	9.5	76.6	114	101.5	151
CF9-15-12	16	12 G 1.5	0.53	13.5	128.3	191	194.9	290
CF9-15-18	16	18 G 1.5	0.65	16.5	192.2	286	277.5	413
CF9-15-25	16	25 G 1.5	0.79	20.0	266.1	396	424.7	632
CF9-15-36	16	36 G 1.5	0.93	23.5	383.7	571	563.8	839
CF9-25-04	14	4 G 2.5	0.35	9.0	71.2	106	102.1	152
CF9-25-05	14	5 G 2.5	0.39	10.0	88.7	132	132.4	197
CF9-25-07 ¹⁷⁾	14	7 G 2.5	0.47	12.0	125.7	187	164.6	245
CF9-25-12	14	12 G 2.5	0.69	17.5	213.0	317	346.1	515
CF9-25-16	14	16 G 2.5	0.77	19.5	284.2	423	461.6	687
CF9-25-18 ⁷⁾	14	18 G 2.5	0.91	23.0	319.9	476	557.7	830
CF9-25-25	14	25 G 2.5	0.96	24.5	443.5	660	711.6	1059
CF9-40-04	12	4 G 4.0	0.41	10.5	114.2	170	153.9	229
CF9-60-04	10	4 G 6.0	0.49	12.5	170.7	254	223.1	332
CF9-60-05	10	5 G 6.0	0.53	13.5	213.0	317	275.5	410
CF9-100-04	8	4 G 10.0	0.65	16.5	284.2	423	389.7	580
CF9-160-04	6	4 G 16.0	0.71	18.0	354.8	528	483.1	719
CF9-350-04	2	4 G 35.0	1.10	28.0	993.8	1479	1188.7	1769

⁷⁾ Nominal voltage 600/1000 V ⁹⁾ Nominal voltage 450/750 V
¹⁷⁾ Using the cables with "7 G 1.5 mm²" and "7 G 2.5 mm²" it is essential: bending radius 17 x d with travel distance ≥ 5 m.
When the travel distance is not less than 5 m, a bending radius not less than 17 x d has to be used.
Note: The mentioned outer diameters are maximum values.
G = with green-yellow earth core x = without earth core

 Order example: CF9-25-04 – In your desired length
CF9 Chainflex® series -25 Code nominal cross section -04 Number of conductors

 Online order: www.chainflex.com/CF9

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

 Configurators ► www.igus.com/CF9

