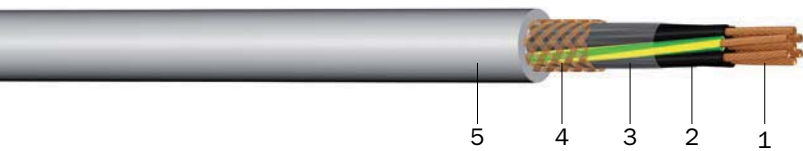


# CMFM

## Control cable, screened

### DESIGN



- 1 | Copper conductor, fine wire (-F)
- 2 | Core insulation (PVC), cores stranded in layers
- 3 | Inner covering (plastic tape)
- 4 | Braided screen (copper wires)
- 5 | Sheath (grey PVC)

### APPLICATION

Cables for electricity distribution in flexible installations, for controlling or supplying electric and electronic devices.

### TECHNICAL DATA



**Standard:**  
TP PRAKAB 08/03 – 2. edition



**Rated voltage:**  
300/500 V



**Test voltage:**  
2 kV/50 Hz



**Temperature range:**  
 laying temperature: min. -5 °C  
 operating temperature:  
 – fixed: -60 °C to +70 °C  
 – in motion: -25 °C to +65 °C  
 short-circuit temperature: max. +160 °C/5 s



**Bending radius (min.):**  
12 x Ø of cable



**Core identification:**  
HD 308 S2



**Fire properties:**  
flame retardant:  
EN 60332-1-2



**Certificate:**  
EZÚ Czech Republic

Number of cores x nominal cross section (mm <sup>2</sup> )	Max. conductor resistance (Ω/km)	Current rating in air <sup>1)</sup> (A)	Outer diameter (mm) ca.	Total weight (kg/km) ca.	Standard lengths/packing (m)
<b>CMFM</b>					
2 X 0.5	39.000	11	5.8	50	100 R
3 G 0.5	39.000	9	6.1	60	100 R
4 G 0.5	39.000	9	6.7	70	100 R
5 G 0.5	39.000	9	7.3	80	100 R
7 G 0.5	39.000	6	7.9	100	100 R
12 G 0.5	39.000	5	10.4	160	1,000 D
19 G 0.5	39.000	4	11.4	240	1,000 D
24 G 0.5	39.000	4	13.2	300	500 D
37 G 0.5	39.000	4	15.3	420	300 D
2 X 0.75	26.000	14	6.0	55	100 R
3 G 0.75	26.000	12	7.0	65	100 R
4 G 0.75	26.000	12	7.3	80	100 R
5 G 0.75	26.000	12	7.6	95	100 R
7 G 0.75	26.000	7	8.2	120	100 R
12 G 0.75	26.000	6	10.9	190	1,000 D
19 G 0.75	26.000	5	12.1	300	1,000 D

## CMFM

Number of cores x nominal cross section (mm <sup>2</sup> )	Max. conductor resistance (Ω/km)	Current rating in air <sup>1)</sup> (A)	Outer diameter (mm) ca.	Total weight (kg/km) ca.	Standard lengths/ packing (m)
<b>CMFM</b>					
24 G 0.75	26.000	5	14.3	380	500 D
37 G 0.75	26.000	4	16.5	545	300 D
2 X 1	19.500	16	6.5	65	100 R
3 G 1	19.500	14	6.9	80	100 R
4 G 1	19.500	14	7.5	95	100 R
5 G 1	19.500	14	8.2	110	100 R
7 G 1	19.500	8	8.9	145	100 R
12 G 1	19.500	7	11.8	235	1,000 D
19 G 1	19.500	6	13.1	360	1,000 D
24 G 1	19.500	5	15.4	460	500 D
37 G 1	19.500	4	17.8	665	300 D
2 X 1.5	13.300	21	7.7	90	100 R
3 G 1.5	13.300	18	8.1	110	100 R
4 G 1.5	13.300	18	8.9	135	100 R
5 G 1.5	13.300	18	9.5	160	100 R
7 G 1.5	13.300	11	10.7	205	1,000 D
12 G 1.5	13.300	9	13.5	345	1,000 D
19 G 1.5	13.300	8	15.5	515	500 D
24 G 1.5	13.300	5	18.2	650	500 D
37 G 1.5	13.300	4	21.0	940	300 D
2 X 2.5	7.980	28	8.5	125	100 R
3 G 2.5	7.980	25	9.0	150	100 R
4 G 2.5	7.980	25	10.7	190	100 R
5 G 2.5	7.980	25	11.0	225	1,000 D
7 G 2.5	7.980	17	12.8	300	1,000 D
12 G 2.5	7.980	13	17.4	520	1,000 D

1) basic rated current acc. to TP PRAKAB 08/03 – 2. edition  
Subject to technical changes.