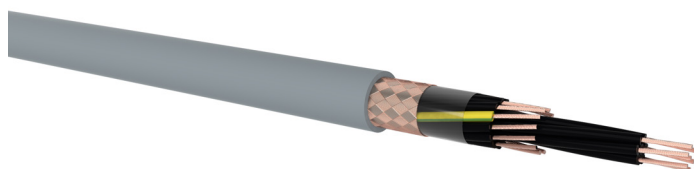


CMFM

PVC control cable, screened

DESIGN



- 1 | Bare copper conductors, fine wires class 5 according to DIN EN 60228 / VDE 0295 / IEC 60228
- 2 | Core insulation of special compound based on polyvinyl chloride (PVC)
- 3 | Cores are stranded in layers with optimal lay-length
- 4 | Wrapping with plastic tape
- 5 | Bare copper wire braiding
- 6 | Outer sheath of special compound based on polyvinyl chloride (PVC), colour: grey (RAL 7001) or black (RAL 9005)

APPLICATION

As flexible control and connecting cable within electrical devices, for control purposes or connection to public mains, especially when excellent electromagnetic compatibility (EMC) characteristics are requested.

TECHNICAL DATA



Standard:
TS ICS 26-2015



Rated voltage:
300/500 V (U₀/U)



Test voltage:
core / core 2000 V / 50 Hz



Temperature range:
fixed installation: -60 °C up to 70 °C
flexible use: -25 °C up to 70 °C



Bending radius (min.):
fixed installation: 7.5 x Ø of cable
flexible use: 12 x Ø of cable



Core identification:
colours according to CENELEC HD 308 S2



Fire properties:
EN 60332-1-2: self-extinguishing and flame retardant
CPR classification: E_{ca}

Number of cores x nominal cross-section (mm ²)	Outer diameter (mm) appr.	Cu-value (kg/km)	Total weight (kg/km) appr.
CMFM			
2 x 0.5	5.2	36	75
3 G 0.5	5.5	43	89
4 G 0.5	6.0	51	101
5 G 0.5	6.5	59	120
7 G 0.5	7.1	71	145
12 G 0.5	9.4	108	210
19 G 0.5	11.0	154	304
24 G 0.5	13.0	162	372
37 G 0.5	14.9	228	544
2 x 0.75	5.6	43	83
3 G 0.75	6.1	52	97
4 G 0.75	6.6	61	111
5 G 0.75	7.2	74	130
7 G 0.75	7.9	90	160
12 G 0.75	10.4	144	254
19 G 0.75	12.2	207	370
24 G 0.75	14.4	222	450
37 G 0.75	16.7	319	640

CMFM

PVC control cable, screened

Number of cores x nominal cross-section (mm ²)	Outer diameter (mm) appr.	Cu-value (kg/km)	Total weight (kg/km) appr.
CMFM			
2 x 1	5.9	50	93
3 G 1	6.3	61	112
4 G 1	6.9	75	127
5 G 1	7.6	89	150
7 G 1	8.2	112	183
12 G 1	10.8	176	293
19 G 1	12.9	257	410
24 G 1	15.2	276	624
37 G 1	17.4	403	755
2 x 1.5	6.8	64	116
3 G 1.5	7.3	82	136
4 G 1.5	8.0	101	171
5 G 1.5	8.9	121	194
7 G 1.5	9.6	155	261
12 G 1.5	12.9	245	404
19 G 1.5	15.3	363	573
24 G 1.5	18.2	391	709
37 G 1.5	21.0	576	1028
2 x 2.5	8.3	90	152
3 G 2.5	9.0	118	183
4 G 2.5	9.8	147	231
5 G 2.5	10.8	178	290
7 G 2.5	11.9	232	363
12 G 2.5	16.0	377	590

Technical changes reserved. All figures are therefore without guarantee.

14.1.2022, 15:22