

# THERM 400 multicore

## Heat resistant cables



### Cable structure

- Stranded Cu-nickel plated core
- Core insulation of braided glass-fibre impregnated with silicone
- Second core insulation of fibre braiding impregnated with silicone, resistant to high temperatures
- Outer sheath of glass fibre braiding, color grey resp. galvanized steel wire braiding

### Technical data

- Special Cu-nickel, silicone impregnated fibre cable cable, highly heat resistant
- Single or multi color identification
- **Temperature range** from -60 °C to +400 °C (short time up to +500 °C)
- **Nominal voltage** 500 V
- **Test voltage a.c.** 2500 V
- **Minimum bending radius** approx. 15× cable diameter

### Application

Due to its wide temperature range these cables are ideal for aviation industry, for atomic power plants and steel and chemical industry. For its good heat resistant characteristics, these cables are recommended for application in dry environments in temperatures above 220 °C.

### Note

CE = the product is conformed with the EC Low-Voltage Directive 73/23/EEC  
Conforms to RoHS.

Part No.	Number of cores x core cross section [mm <sup>2</sup> ]	Approx. outer Ø [mm]	Cooper weight [kg/km]	Approx. cable weight [kg/km]
0451741	2×0,5	6,2	10,0	47
0451742	3×0,5	6,4	15,0	50
0451743	4×0,5	7,5	19,0	70
0451744	5×0,5	8,0	25,0	81
0451745	6×0,5	8,6	30,0	97
0451746	7×0,5	8,7	34,0	105
0451747	2×0,75	6,7	14,4	55
0451748	3×0,75	7,0	21,6	66
0451749	4×0,75	8,0	29,0	86
0451750	5×0,75	8,8	36,0	103
0451751	6×0,75	9,5	43,0	119
0451752	7×0,75	9,7	50,0	130
0451753	2×1	6,9	19,0	63
0451754	3×1	7,8	29,0	82
0451755	4×1	8,3	38,0	98
0451756	5×1	9,1	48,0	119
0451757	6×1	9,8	58,0	138
0451758	7×1	10,0	67,0	150
0451759	2×1,5	8,0	29,0	87
0451760	3×1,5	8,3	43,0	103
0451761	4×1,5	9,1	58,0	128

Part No.	Number of cores x core cross section [mm <sup>2</sup> ]	Approx. outer Ø [mm]	Cooper weight [kg/km]	Approx. cable weight [kg/km]
0451762	5×1,5	10,0	72,0	150
0451763	6×1,5	10,7	88,0	175
0451764	7×1,5	11,0	101,0	190
0451765	2×2,5	9,2	48,0	135
0451766	3×2,5	9,7	72,0	153
0451767	4×2,5	10,6	96,0	190
0450060	5×2,5	11,8	120,0	230
0450061	6×2,5	12,8	144,0	270
0450062	7×2,5	13,0	168,0	295
0450063	2×4	11,0	77,0	191
0450064	3×4	11,4	115,0	224
0450065	4×4	13,0	154,0	285
0450066	5×4	14,5	192,0	360
0450067	7×4	16,5	270,0	485
0450068	3×6	14,2	173,0	340
0450069	4×6	16,2	230,0	442
0450070	5×6	17,7	288,0	535
0450071	4×10	20,0	384,0	710
0450072	4×16	24,5	615,0	990