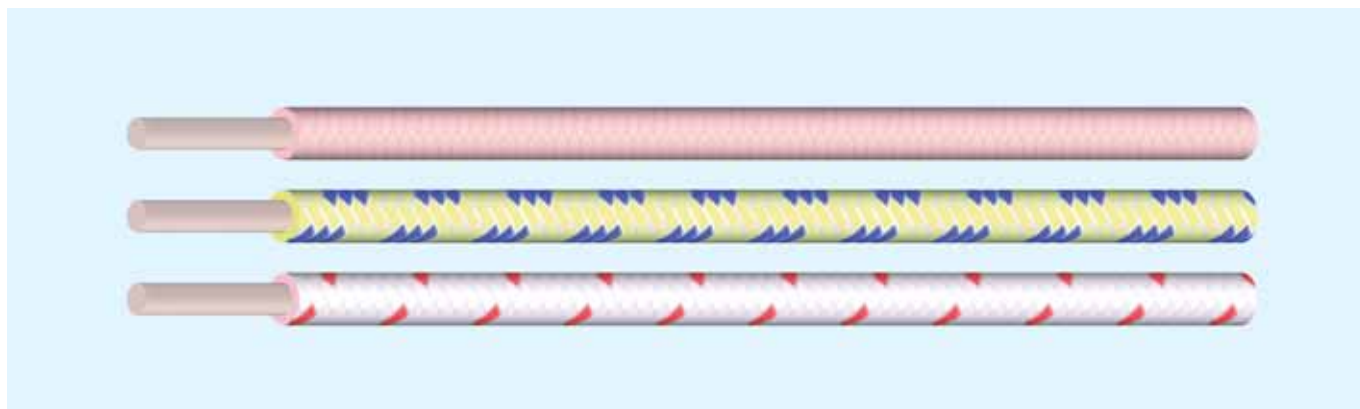


THERM 400 single core

Heat resistant cable



Cable structure

- Solid or stranded nickel conductor
- Capton-foil wrapping approx. 60%
- Overall special glass-fibre braiding with special heat resistant impregnation

Technical data

- Single core cable with special core insulation
- Single or multi colored identification
- **Temperature range** from -60 °C to +400 °C (short time up to +450 °C)
- **Nominal voltage** 500 V
- **Test voltage a.c.** 2000 V
- **Minimum bending radius** approx. 18× cable diameter

Tests

- Flame-retardant according to DIN VDE 0482 part 266-2/HD 405.3/BS 4066 PT3/EN 50266-2/IEC 60332-3
- Low corrosiveness of combustion gases according to DIN VDE 0482 part 267/BS 6425 PT2/EN 50267-2/IEC 60754-2
- Halogen-free according to DIN VDE 0482 part 267/BS 6425 PT1/EN 50267-2/IEC 60754-1
- Smoke density according to DIN VDE 0482 part 268/HD 606/BS 7622 PT1, PT2/EN 50268-1,-2/IEC 61034-1,-2

Application

Due to its wide temperature range these cables are ideal for aviation industry, for atomic power plants and steel and chemical industry. The cables have very good electrical, chemical and radiation resistance.

Note

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

Cross-section mm²	Core structure	Approx. outer Ø [mm]	Ordering code	Ordering code	Ordering code	Ordering code	Ordering code	Ordering code	Ordering code	Ordering code	Ordering code	Ordering code	Ordering code	Ordering code	Ordering code
			green/yellow	black	blue	brown	red	white	grey	violet	yellow	orange	pink	beige	2 colors
1×0,5	16 ×0,20	2,2	0450900	0450901	0450902	0450903	0450904	0450905	0450906	0450907	0450908	0450909	0450911	0450912	0450913
1×0,75	24 ×0,20	2,4	0450914	0450915	0450916	0450917	0450918	0450919	0450920	0450921	0450922	0450923	0450925	0450926	0450927
1×1	32 ×0,20	2,7	0450928	0450929	0450930	0450931	0450932	0450933	0450934	0450935	0450936	0450937	0450939	0450940	0450941
1×1,5	30 ×0,25	2,8	0450942	0450943	0450944	0450945	0450946	0450947	0450948	0450949	0450950	0450951	0450953	0450954	0450955
1×2,5	50 ×0,25	3,4	0450956	0450957	0450958	0450959	0450960	0450961	0450962	0450963	0450964	0450965	0450967	0450968	0450969
1×4	56 ×0,30	4,5	0450970	0450971	0450972	0450973	0450974	0450975	0450976	0450977	0450978	0450979	0450981	0450982	0450983
1×6	84 ×0,30	4,9	0450984	0450985	0450986	0450987	0450988	0450989	0450990	0450991	0450992	0450993	0450995	0450996	0450997
1×10	141×0,30	5,8	0450209	0450890	0450891	0450892	0450893	0450894	0450895	0450896	0450897	0450898	0451560	0451561	0451562
1×16	226×0,30	7,4	0451563	0451564	0451565	0451566	0451567	0451568	0451569	0451570	0451571	0451572	0451574	0451575	0451576
1×25	196×0,40	9,6	0451577	0451578	0451579	0451580	0451581	0451582	0451583	0451584	0451585	0451586	0451588	0451589	0451590
1×35	276×0,40	11,5	0451591	0451592	0451593	0451594	0451595	0451596	0451597	0451598	0451599	0451600	0451602	0451603	0451604
1×50	396×0,40	12,7	0451605	0451606	0451607	0451608	0451609	0451610	0451611	0451612	0451613	0451614	0451616	0451617	0451618
1×70	360×0,50	16,0	0451619	0451620	0451621	0451622	0451623	0451624	0451625	0451626	0451627	0451628	0451630	0451631	0451632
1×95	485×0,50	18,0	0451633	0451634	0451635	0451636	0451637	0451638	0451639	0451640	0451641	0451642	0451644	0451645	0451646
1×120	608×0,50	19,0	0451647	0451648	0451649	0451650	0451651	0451652	0451653	0451654	0451655	0451656	0451658	0451659	0451660
1×150	756×0,50	22,0	0451661	0451662	0451663	0451664	0451665	0451666	0451667	0451668	0451669	0451670	0451672	0451673	0451674
1×185	944×0,50	24,0	0451675	0451676	0451677	0451678	0451679	0451680	0451681	0451682	0451683	0451684	0451686	0451687	0451688
1×240	1222×0,50	27,0	0451689	0451690	0451691	0451692	0451693	0451694	0451695	0451696	0451697	0451698	0451700	0451701	0451702

Technical changes reserved