

PUR Single Core cold resistant, halogen-free



Technical data

- PUR-single cores, halogen-free
- **Temperature range**
-40 °C to +80 °C
(up to +100 °C for short time)
- **Operating voltage** 1000 V
- **Test voltage**
3500 V, 15 minutes
- **Minimum bending radius**
occasionally moved 10x core ø
without movement 5x core ø
- **Radiation resistance**
up to 100x10⁶ cJ/kg (up to 100 Mrad)

Cable structure

- Plain copper conductors fine stranded to DIN VDE 0295 cl. 5, BS 6360 cl. 5 and IEC 60228 cl. 5
- Special PUR core insulation

Properties

- **Halogen-free**
- Flexible at low temperatures up to -40 °C
- Resistant against pressure
- Overroll steady
- Cut and scratchproof
- **Resistant to**
 - Oil
 - Petrol
 - Sea and waste water
 - Acids
 - Lye
 - UV-radiation

Application

PUR-single cores are suited for installation in switch cabinets, cable assemblies and electronic equipment. Inductive loops in the road surface for controlling of light signalling equipment.

CE = The product is conformed with the EC Low-Voltage Directive 2006/95/EG.

Cross-section mm ² approx. RAL	Outer Ø approx. mm	Cop. weight kg / km	green 6018	black 9005	blue 5015	brown 8003	red 3000	white 1013	grey 7000	vio 4005	ye 1021	og 2003	trans -	pink 3015	dk-bu 5010	beige 1001	2-col. -
Part no. 0,5	2,2	4,8	50650	50651	50652	50653	50654	50655	50656	50657	50658	50659	50660	50661	50662	50663	50664
Part no. 0,75	2,4	7,2	50665	50666	50667	50668	50669	50670	50671	50672	50673	50674	50675	50676	50677	50678	50679
Part no. 1	2,5	9,6	50680	50681	50682	50683	50684	50685	50686	50687	50688	50689	50690	50691	50692	50693	50694
Part no. 1,5	3,0	14,4	50695	50696	50697	50698	50699	50700	50701	50702	50703	50704	50705	50706	50707	50708	50709
Part no. 2,5	3,7	24,0	50710	50711	50712	50713	50714	50715	50716	50717	50718	50719	50720	50721	50722	50723	50724
Part no. 4	4,3	38,0	50725	50726	50727	50728	50729	50730	50731	50732	50733	50734	50735	50736	50737	50738	50739
Part no. 6	5,1	58,0	50740	50741	50742	50743	50744	50745	50746	50747	50748	50749	50750	50751	50752	50753	50754
Part no. 10	6,8	96,0	50755	50756	50757	50758	50759	50760	50761	50762	50763	50764	50765	50766	50767	50768	50769
Part no. 16	7,8	154,0	50770	50771	50772	50773	50774	50775	50776	50777	50778	50779	50780	50781	50782	50783	50784
Part no. 25	10,0	240,0	50785	50786	50787	50788	50789	50790	50791	50792	50793	50794	50795	50796	50797	50798	50799
Part no. 35	11,4	336,0	50800	50801	50802	50803	50804	50805	50806	50807	50808	50809	50810	50811	50812	50813	50814
Part no. 50	13,2	480,0	50815	50816	50817	50818	50819	50820	50821	50822	50823	50824	50825	50826	50827	50828	50829
Part no. 70	15,4	672,0	50830	50831	50832	50833	50834	50835	50836	50837	50838	50839	50840	50841	50842	50843	50844
Part no. 95	17,7	912,0	50845	50846	50847	50848	50849	50850	50851	50852	50853	50854	50855	50856	50857	50858	50859
Part no. 120	19,2	1152,0	50860	50861	50862	50863	50864	50865	50866	50867	50868	50869	50870	50871	50872	50873	50874
Part no. 150	22,0	1440,0	50875	50876	50877	50878	50879	50880	50881	50882	50883	50884	50885	50886	50887	50888	50889

Dimensions and specifications may be changed without prior notice. (RK01)