

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 min.
- **Minimum bending radius**
occasionally moved 10x core Ø
fixed installation 5x core Ø
- **Radiation resistance**
up to 100x10⁶ cJ/kg (up to 100 Mrad)

Cable structure

- Bare copper-conductor, to
DIN VDE 0295 cl.5, fine-wire,
BS 6360 cl.5, IEC 60228 cl.5
- Core insulation of special PUR
- Core identification see table below

Properties

- Halogen-free
 - Flexible at low temperatures up to -40°C
 - Resistant against pressure
 - Overroll steady
 - Cut and scratchproof
- Resistant to**
- Oil
 - See 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/EC.

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

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