

LgYY 450/750V

LgYY Low voltage cable for rated voltage of 450/750V, with multi wire flexible conductor (Lg), with insulation made of PVC (Y) and sheath made of PVC (Y)

Application Single-conductor low voltage general purpose power cable for rated voltage not exceeding of 450/750V with insulation and sheath made of thermoplastic PVC.

Technical data

Conductor: Cu-ETP1 (acc. to EN13602), multi wire, flexible, class 5 (acc. to EN60228)
Insulation: PVC
Sheath: PVC
Temperature range: Up to +70°C
Standards: Cables conform to the requirements of REACH Regulation and RoHS Directive.

Technical characteristics

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Number of conductors x Nominal cross-section mm ²	Conductor structure		Resistance at 20°C mΩ/m	Insulation thickness mm	Sheath thickness mm	Outer diameter of cable		Approximate weight of cable kg/km
	Number of wires	Single wire diameter				(min.)	(max.)	
		(max.) mm				mm	mm	
1 x 1,00	32	0,21	19,5	0,8	1,20	--	6,6	39,3
1 x 1,50	29	0,26	13,3	0,8	1,20	--	7,0	45,7
1 x 2,50	48	0,26	7,98	0,8	1,20	--	7,5	58,0
1 x 4,00	53	0,31	4,95	0,9	1,20	--	8,3	78,8
1 x 6,00	80	0,31	3,30	0,9	1,20	--	8,9	101,4
1 x 10,00	75	0,41	1,91	1,1	1,20	--	10,4	157,1
1 x 16,00	119	0,41	1,21	1,1	1,30	--	11,8	220,1
1 x 25,00	184	0,41	0,780	1,3	1,30	--	13,6	323,8
1 x 35,00	258	0,41	0,554	1,3	1,30	--	14,9	424,8
1 x 50,00	371	0,41	0,386	1,4	1,30	--	16,8	599,6
1 x 70,00	525	0,41	0,272	1,4	1,30	--	18,6	800,9
1 x 95,00	695	0,41	0,206	1,6	1,40	--	21,1	1068,8
1 x 120,00	888	0,41	0,161	1,6	1,40	--	22,8	1326,2

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