

# LgYc 300/500V

**LgYc 300/500V** Low voltage cable for rated voltage 300/500V with multi wire flexible conductor (Lg) with insulation made of heat-resistant PVC (Yc).

**Application** Single-conductor low voltage general purpose cable designed for use in fixed installations inside devices and inside lighting fixtures with the rated voltage not exceeding 300/500V. Insulation made of heat-resistant thermoplastic PVC with the maximum working temperature of +90°C.

### Technical data

**Conductor:** Cu-ETP1 (acc. to EN 13602), multi wire, flexible, class 5 (acc. to EN 60228)  
**Insulation:** PVC, type T13 (acc. to EN 50363-3)  
**Sheath:** Not applicable  
**Temperature range:** -40°C to +90°C  
**Standards:** PN-87/E-90054  
 Cables conform to the requirements of REACH Regulation and RoHS Directive.

### Technical characteristics

#### LgYc 300/500V

Number of conductors x Nominal cross-section mm <sup>2</sup>	Conductor structure		Resistance at 20°C (max.) mΩ/m	Insulation thickness (nom.) mm	Sheath thickness (nom.) mm	Outer diameter of cable		Approx. weight of cable kg/km
	Number of wires	Single wire diameter (max.) mm				(min.) mm	(max.) mm	
1 x 0,35	12	0,21	54,4	0,6	--	--	2,4	7,4
1 x 0,50	16	0,21	39,0	0,6	--	--	2,5	8,8
1 x 0,75	24	0,21	26,0	0,6	--	--	2,7	11,8
1 x 1,00	32	0,21	19,5	0,6	--	--	2,9	14,3
1 x 1,50	29	0,26	13,3	0,6	--	--	3,2	18,9
1 x 2,50	48	0,26	9,87	0,6	--	--	3,7	28,0

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