

CYKY-L PVC-insulated and PVC sheathed round cable, for fixed installation, has a voltage rating of 450/750V



Application

The cable can be laid on cable tray, in ducting, or in walls, in line with relevant national building regulations. Cable is suitable for lay underground.

Soft and solid conductor is made from annealed copper wire. Copper core is PVC insulated.

Insulated cores are stranded together and PVC sheathing.

Additional information

The cable conformed with the EU Directive RoHS Directive 2011/65/EU of 8 June 2011 and Commission Delegated Directive (EU) 2015/863 of 31 March 2015 amending Annex II to Directive 2011/65/EU of the European Parliament and of the Council as regards the list of restricted substances

The cable conformed with the Low Voltage EU Directive 2014/35/EU.

The cables fully meet the requirements of the LST EN 50525-1 standard.

The cable conformed with LST EN 50575:2015 „Cables for general applications in construction works subject to reaction to fire requirements“. **Reaction to fire Eca.**

Constructio		Technical date	
Conductor	Solid, annealed copper wire, class 1 in accordance with LST EN 60228+AC	Conductor resistance at +20°C	In accordance with LST EN 60228+AC
Insulation	PVC insulation compound type T11, in accordance with LST EN 50363-3	Cable operating temperature, max	+70°C (under normal conditions) +160°C (in the event of short circuit)
Core colours	In accordance with LST HD 308	Thermal shock	1h at +150°C
Sheath	PVC sheathing compound type TM1 in accordance with LST EN 50363-4-1	Nominal voltage U ₀ /U	450/750 V
Sheath colours	Grey, RAL 7044	High voltage test	2 kV
Grounding core	Green/yellow, in accordance with LST EN 50396	Bending radius	During installation ≤ 10 D Bending one time ≤ 8 D
		Operating temperatures	Mounting +5° - +40°C Operating -25° - +70°C
		Flame propagation	Flame test in accordance with LST EN 60332-1-2

Basic cable construction data

Cable type, number of cores, cross-sectional area, mm ²	Overall nominal diameter of cable, mm	Nominal thickness of insulation, mm	Nominal thickness of sheath, mm	Cable approx. weight, kg/km
CYKY-L 1G2,5	5,5	0,6	1,3	52
CYKY-L 3G1,5	8,1	0,6	1,3	102,5
CYKY-L 5G1,5	9,5	0,6	1,3	152
CYKY-L 5G2,5	10,5	0,6	1,3	211,5