



RoHS

REACH

H07V2-K

Single-core non-sheathed cables with stranded conductor and PVC heat-resistant insulation (for fixed wiring)

LgYc

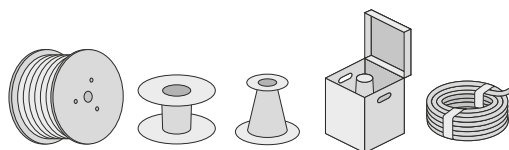
NORMATIVE REFERENCES

EN 50525-2-31
PN-87/E-90054*

APPLICATIONS



PACKING



TECHNICAL DATA

Max. operating temperature at the conductor:

90°C (H07V2-K)
105°C (LgYc)

Rated voltage:

450 / 750 V

Test voltage:

2500 V

H07V2-K

Conductor nominal cross-section (mm ²)	Nominal insulation thickness (mm)	Approximate overall diameter (mm)	Approximate cable weight (kg/km)	Max. conductor resistance at 20°C (Ω/km)	
				Cu	CuSn
1,5	0,7	2,90	19	13,3	13,7
2,5	0,8	3,55	30	7,98	8,21
4	0,8	4,05	44	4,95	5,09
6	0,8	4,70	66	3,30	3,39

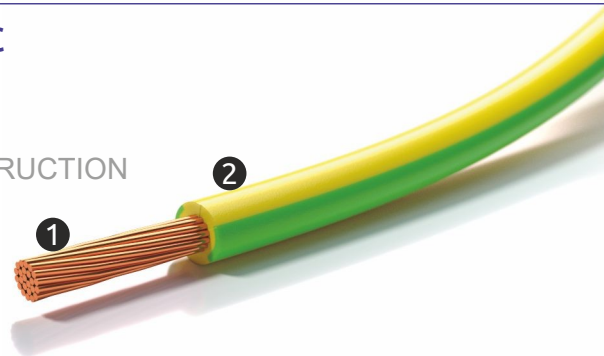
LgYc 450/750V*

Conductor nominal cross-section (mm ²)	Nominal insulation thickness (mm)	Approximate overall diameter (mm)	Approximate cable weight (kg/km)	Max. conductor resistance at 20°C (Ω/km)	
				Cu	CuSn
0,35	0,8	2,35	8	57,2	59,0
0,5	0,8	2,45	10	39,0	40,1
0,75	0,8	2,70	13	26,0	26,7
1	0,8	2,85	16	19,5	20,0
1,5	0,8	3,10	20	13,3	13,7
2,5	0,8	3,55	30	7,98	8,21
4	0,9	4,25	49	4,95	5,09
6	0,9	4,90	70	3,30	3,39

We also manufacture LYc 105°C cables (with copper conductor class 2 acc. to EN/IEC 60228)

* The cables correspond to the withdrawn PN-87/E-90054 standard

CONSTRUCTION



1 copper conductor (stranded, flexible, class 5 acc. to EN/IEC 60228) tin-plated on request

2 PVC heat-resistant insulation type T13



+ other colours on the customer's request

APPLICATIONS



For fixed installation or use in dry areas. Not suitable for outdoor use, i.e. in the ground or in water. May not be laid in areas exposed to harsh weather conditions.



Used inside or outside of luminaires, where there is no danger of contact with hot parts and no exposure to radiation.



For making permanent connections in electrotechnical devices and industrial automation.

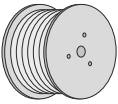


For permanent internal connections, in control and electronic devices, industrial electronics installations, in measuring technology.



Suitable for heating and kitchen devices and for use in places with increased temperature (e.g. luminaires), where there is no danger of contact with hot parts and no exposure to direct heat radiation.

PACKING



Reel



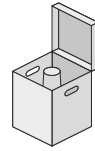
Spool



Conical
spool



Coil



Cardboard
core box