

LIYCY 1KVxx

Shielded flexible cables 1000V - HD 308 S2 (LIYCY 1KV)



Conductor:
Copper Red
Class 5 according to IEC 60228

Isolation:
PVC
Thickness according to IEC 60502-1
Color code: HD 308 S2:
3 cond. : Green/Yellow - Brown - Blue
4 conditions: Green/Yellow - Gray - Black - Brown
5 conditions: Green/Yellow - Gray - Black - Brown - Blue

PES tape

General shielding:
Tinned copper braid

Outer sheath:
PVC
Gray



PRODUCT INFORMATION

APPLICATION

The LIYCY 1KV cables are designed for powering high-power industrial electrical equipment.
Their tinned copper braid protects them and surrounding systems from electromagnetic radiation.

ELECTRICAL PROPERTIES

Rated voltage (U°/U):	600/1000 V
Breakdown voltage:	3500 V
Insulation resistance at 20°C:	> 200 MΩ.km

DESCRIPTION OF THE CABLE

Assemblage: Helical, in concentric layers, under PES ribbon.

FEATURES



Fire performance:
IEC 60332-1



Service temperature:
Static: -30°C → +80°C
Dynamic: -10°C → +70°C



Minimum radius of curvature:
10 x Ø

PRODUCT REFERENCES

			
LIYCY1KV3G15	3G1,5	9,9	160
LIYCY1KV4G15	4G1,5	10,7	195
LIYCY1KV3G25	3G2,5	11,5	200
LIYCY1KV4G25	4G2,5	12,2	250
LIYCY1KV5G25	5G2,5	13,4	300
LIYCY1KV3G4	3G4	13,4	290
LIYCY1KV4G4	4G4	14,6	380
LIYCY1KV5G4	5G4	16,1	460
LIYCY1KV3G6	3G6	14,9	380
LIYCY1KV4G6	4G6	16,3	470
LIYCY1KV5G6	5G6	17,9	580
LIYCY1KV4G10	4G10	19,2	710
LIYCY1KV4G16	4G16	22,3	1010
LIYCY1KV4G25MM	4G25	26,5	1460
LIYCY1KV4G35	4G35	31,0	1484
LIYCY1KV4G50	4G50	34,5	2000