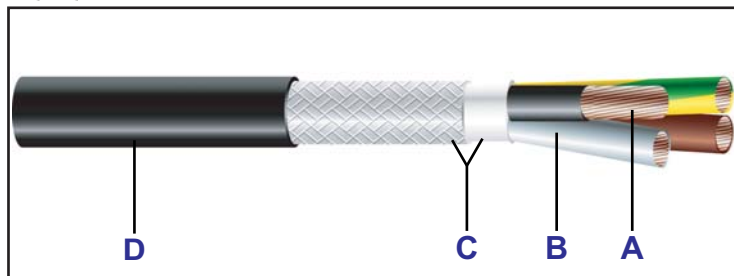


CE Accordingly to the standards
BT 2006/95/CE



A	Flexible class5 red copper conductor.
B	PE compounds insulation.
C	Screens: aluminium foil, tinned copper braiding
D	Black (2YSLCYK-J) or transparent (2YSLCY-J) PVC sheath.

NOMINAL VOLTAGE: **0,6/1 kV**
 MAXIMUM OPERATING TEMPERATURE: **+90°C**
 MAXIMUM SHORT CIRCUIT TEMPERATURE: **+250°C**

MAXIMUM OPERATING VOLTAGE: **D.C. operation 900/1800 V**
A.C. and 3-phase 700/1200 V

Main features:

For motor power supply, for medium mechanical stresses in fixed installations and forced movements in car industry, tool making machinery, handling equipments or food industry.
 Using in dry, moist and wet environments for outdoor applications (2YSLCYK-J only).

Employment:

Indicative installation and use temperature:

Free installation: +5°C +70°C;
 Fixed installation: -40°C +70°C;

Packing:

100mt. rings in thermoplastic film. Drums to agree.

Core colours:

Three cores: gray-brown-black-Y/G divide into 3 cores; Four cores: gray-brown-black-Y/G.

Special Ink Marking:

"year - GENERAL CAVI 2YSLCY-J - n°cores x sect." (transparent sheath)
 OR "year - GENERAL CAVI 2YSLCYK-J - n°cores x sect." (black sheath)

Indicative bending radius per D cable diameter in mm:

Cable diameter	Fixed Installation	Free Installation
Up to 12 mm	5D	10D
between 12 and 20 mm	7.5D	15D
beyond 20 mm	10D	20D

Cores n° and section	Approx conductor diameter	Insulation medium thickness	Approx external production diameter	Approx cable weight	Electric resistance at 20°C	Current carrying capacities amb. temp. in air or pipe
[N° x mm²]	[mm]	[mm]	[mm]	[kg/km]	[Ohm/km]	[A]
4 x 1.5	1.8	0.7	12.0	217	13.3	19
4 x 2.5	2.1	0.7	13.0	270	7.98	25
4 x 4	2.9	0.7	15.0	362	4.95	33
4 x 6	3.2	0.7	16.0	447	3.30	43
4 x 10	4.4	0.7	20.0	718	1.91	60
4 x 16	5.7	0.7	23.0	971	1.21	80
4 x 25	6.9	0.9	26.0	1350	0.780	105
4 x 35	7.9	0.9	29.0	1785	0.554	132
4 x 50	9.4	1.0	34.0	2417	0.386	168
4 x 70	11.6	1.1	39.0	3298	0.272	196
4 x 95	12.9	1.1	42.0	4158	0.206	235
4 x 120	14.8	1.2	48.0	5179	0.161	289
4 x 150	16.2	1.4	53.0	6418	0.129	335
4 x 185	17.5	1.6	58.0	7714	0.106	385
4 x 240	19.8	1.7	64.0	9853	0.0801	453

Cores n° and section	Approx conductor diameter	Approx ground conductor diameter	Minimum Insulation thickness	Minimum ground Insulation thickness	Approx external diameter	Approx cable weight	Max conductor resistance 20°C	Max ground cond. resistance 20°C	Current carrying with ambient temp. in air or pipe
[N° x mm²]	[mm]	[mm]	[mm]	[mm]	[mm]	[kg/km]	[Ohm/km]	[Ohm/km]	[A]
3x1.5 + 3x0.25	1.8	-	0.7	0.6	12.0	213	13.3	-	-
3x2.5 + 3x0.5	2.1	0.85	0.7	0.6	13.0	264	7.98	39.0	39.0
3x4 + 3x0.75	2.9	1.2	0.7	0.6	15.0	347	4.95	26.0	26.0
3x6 + 3x1	3.2	1.3	0.7	0.7	16.0	429	3.30	19.5	19.5
3x10 + 3x1.5	4.4	1.8	0.7	0.7	21.0	692	1.91	13.3	13.3
3x16 + 3x2.5	5.7	2.1	0.7	0.7	24.0	921	1.21	7.98	7.98
3x25 + 3x4	6.9	2.9	0.9	0.7	28.0	1267	0.78	4.95	4.95
3x35 + 3x6	7.9	3.2	0.9	0.7	30.0	1674	0.554	3.30	3.30
3x50 + 3x10	9.4	4.4	1.0	0.7	35.0	2280	0.386	1.91	1.91
3x70 + 3x10	11.6	4.4	1.1	0.7	39.0	2963	0.272	1.91	1.91
3x95 + 3x16	12.9	5.7	1.1	0.7	42.0	3758	0.206	1.21	1.21
3x120 + 3x16	14.8	5.7	1.2	0.7	47.0	4565	0.161	1.21	1.21
3x150 + 3x25	16.2	6.9	1.4	0.9	52.0	5757	0.129	0.78	0.78
3x185 + 3x35	17.5	7.9	1.6	0.9	57.0	7018	0.106	0.554	0.554
3x240 + 3x50	19.8	9.4	1.7	1.0	62.0	9089	0.0801	0.386	0.386