

SINGLE CORE PVC INSULATED AND SHEATHED FLEXIBLE CABLES (0.6/1kV)



CONSTRUCTION:

Conductor: Flexible copper (class 5 or 6)
 Insulation: PVC
 Outer sheath: PVC

ABBREVIATION:

Cu/PVC/PVC

STANDARD:

IEC 60502-1, IEC 60228, IEC 60332

DIMENSIONAL, ELECTRICAL AND MECHANICAL DATA:

Number of cores x cross section	Insulation thickness	Sheath thickness	Overall diameter	Max. conductor resistance DC at 20°C
No.xmm ²	mm	mm	mm	Ω/km
1x1.5	0.8	1.4	6	13.3
1x2.5	0.8	1.4	6.5	7.98
1x4	1	1.4	7.2	4.95
1x6	1	1.4	7.7	3.3
1x10	1	1.4	9.5	1.91
1x16	1	1.4	10	1.21
1x25	1.2	1.4	12	0.78
1x35	1.2	1.4	14	0.554
1x50	1.4	1.4	15	0.386
1x70	1.4	1.5	18	0.272
1x95	1.6	1.6	21.5	0.206
1x120	1.6	1.7	23	0.161
1x150	1.8	1.8	26	0.129
1x185	2	1.9	28.5	0.106
1x240	2.2	1.9	30.5	0.0801
1x300	2.4	2	34	0.0641
1x400	2.6	2.2	35.5	0.0486
1x500	2.8	2.3	41.5	0.0384

Max. conductor temperature in continuous operation: 70°C

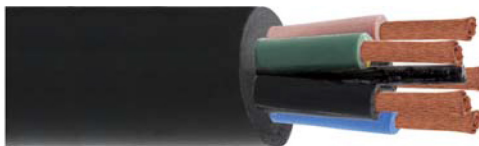
2,3,4,5 CORE PVC INSULATED AND SHEATHED FLEXIBLE CABLES (300/500V) (up to 2.5mm²)

CONSTRUCTION:

Conductor: Flexible copper (class 5)

Insulation: PVC

Outer sheath: PVC



ABBREVIATION:

Cu/PVC/PVC

STANDARD:

IEC 60227-5,6, IEC 60228, IEC 60332

DIMENSIONAL, ELECTRICAL AND MECHANICAL DATA:

Number of cores X cross section	Insulation thickness	Clearance e ₁	Sheath thickness	Overall diameter	Max. conductor resistance DC at 20°C	Min. insulation resistance at 70°C
No.xmm ²	mm	mm	mm	mm	Ω/km	MΩ.km
2x0.75	0.6	-	0.8	6.4	26	0.011
2x1	0.6	-	0.8	6.6	19.5	0.010
2x1.5	0.7	-	0.8	7.5	13.3	0.010
2x2.5	0.8	-	1	9.2	7.98	0.009
3x0.75	0.6	-	0.8	6.8	26	0.011
3x1	0.6	-	0.8	7	19.5	0.010
3x1.5	0.7	-	0.9	8.1	13.3	0.010
3x2.5	0.8	-	1.1	10	7.98	0.009
4x0.75	0.6	-	0.8	7.5	26	0.011
4x1	0.6	-	0.9	7.8	19.5	0.010
4x1.5	0.7	-	1	9.1	13.3	0.010
4x2.5	0.8	-	1.1	10.8	7.98	0.009
5x0.75	0.6	-	0.9	8.3	26	0.011
5x1	0.6	-	0.9	8.5	19.5	0.010
5x1.5	0.7	-	1.1	10.2	13.3	0.010
5x2.5	0.8	-	1.2	12.1	7.98	0.009

Max. conductor temperature in continuous operation: 70°C

2,3 CORE PVC INSULATED AND SHEATHED FLEXIBLE CABLES (0.6/1kV) (over 2.5mm²)



CONSTRUCTION:

Conductor: Flexible copper (class 5 or 6)
Insulation: PVC
Outer sheath: PVC

ABBREVIATION:

Cu/PVC/PVC

STANDARD:

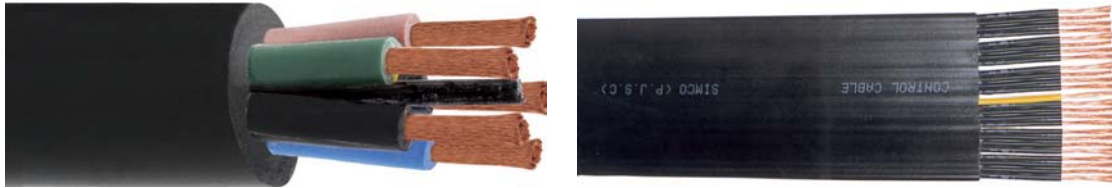
IEC 60502-1, IEC 60228, IEC 60332

DIMENSIONAL, ELECTRICAL AND MECHANICAL DATA:

Number of cores x cross section	Insulation thickness	Sheath thickness	Overall diameter	Max. conductor resistance DC at 20°C
No.xmm ²	mm	mm	mm	Ω/km
2x4	1	1.8	12.5	4.95
2x6	1	1.8	13.5	3.3
2x10	1	1.8	16.5	1.91
2x16	1	1.8	18	1.21
2x25	1.2	1.8	22	0.78
2x35	1.2	1.8	25.5	0.554
3x4	1	1.8	13	4.95
3x6	1	1.8	14.2	3.3
3x10	1	1.8	17.5	1.91
3x16	1	1.8	19.5	1.21
3x25	1.2	1.8	23.5	0.78
3x35	1.2	1.8	27.5	0.554

Max. conductor temperature in continuous operation: 70°C

4,5 CORE PVC INSULATED AND SHEATHED FLEXIBLE CABLES (450/750V) (over 2.5mm²)



CONSTRUCTION:

Conductor: Flexible copper (class 5 or 6)
Insulation: PVC
Outer sheath: PVC

ABBREVIATION:

Cu/PVC/PVC

STANDARD:

IEC 60227-6, IEC 60228, IEC 60332

DIMENSIONAL, ELECTRICAL AND MECHANICAL DATA:

Number of cores x cross section	Insulation thickness	Clearance e ₁	Sheath thickness	Overall diameter	Max. conductor resistance DC at 20°C	Min. insulation resistance at 70°C
No. x mm ²	mm	mm	mm	mm	Ω/km	MΩ.km
4x4	0.8	-	1.3	12.2	4.95	0.007
4x4 Flat	0.8	1.5	e ₂ = 1.2 e ₃ = 1.8	6.5x19.5	4.95	0.007
4x6	0.8	-	1.3	13.4	3.3	0.006
4x6 Flat	0.8	1.5	e ₂ = 1.2 e ₃ = 1.8	7x21.5	3.3	0.006
4x10	1	-	1.6	18.8	1.91	0.0056
4x10 Flat	1	1.5	e ₂ = 1.4 e ₃ = 1.8	9.3x29.5	1.91	0.0056
4x16	1	-	1.6	20.7	1.21	0.0046
4x16 Flat	1	1.5	e ₂ = 1.5 e ₃ = 2	10.3x33.2	1.21	0.0046
4x25	1.2	-	2	25.8	0.78	0.0044
4x25 Flat	1.2	1.5	e ₂ = 1.6 e ₃ = 2	12.3x40.4	0.78	0.0044
4x35	1.2	-	2.4	29.2	0.554	0.0042
4x35 Flat	1.2	1.5	e ₂ = 1.6 e ₃ = 2	14.2x48	0.554	0.0042
5x4	0.8	-	1.3	13.5	4.95	0.007
5x4 Flat	0.8	1.5	e ₂ = 1.2 e ₃ = 1.8	6.4x26.6	4.95	0.007
5x6	0.8	-	1.3	14.8	3.3	0.006
5x6 Flat	0.8	1.5	e ₂ = 1.2 e ₃ = 1.8	7x29	3.3	0.006
5x10	1	-	1.6	20.8	1.91	0.0056
5x10 Flat	1	1.5	e ₂ = 1.4 e ₃ = 1.8	9.3x39	1.91	0.0056
5x16	1	-	2	23.7	1.21	0.0046
5x16 Flat	1	1.5	e ₂ = 1.5 e ₃ = 2	10.3x43.5	1.21	0.0046
5x25	1.2	-	2.4	29.5	0.78	0.0044
5x25 Flat	1.2	1.5	e ₂ = 1.6 e ₃ = 2	12.3x52.5	0.78	0.0044
5x35	1.2	-	2.4	34.5	0.554	0.0042
5x35 Flat	1.2	1.5	e ₂ = 1.6 e ₃ = 2	14.2x62	0.554	0.0042

Max. conductor temperature in continuous operation: 70°C

3 1/2 CORE PVC INSULATED AND SHEATHED FLEXIBLE CABLES (0.6/1kV)



CONSTRUCTION:

Conductor: Flexible copper (class 5 or 6)
Insulation: PVC
Outer sheath: PVC

ABBREVIATION:

Cu/PVC/PVC

STANDARD:

IEC 60502-1, IEC 60228, IEC 60332

DIMENSIONAL, ELECTRICAL AND MECHANICAL DATA:

Number of cores x cross section	Insulation thickness	Sheath thickness	Overall diameter	Max. conductor resistance DC at 20°C
No.xmm ²	mm	mm	mm	Ω/km
3x25+16	1.2 / 1	1.8	24.5	0.78/1.21
3x35+16	1.2 / 1	1.9	29	0.554/1.21
3x50+25	1.4 / 1.2	2	32	0.386/0.78
3x70+35	1.4 / 1.2	2.2	39	0.272/0.554
3x95+50	1.6 / 1.4	2.4	46	0.206/0.386
3x120+70	1.6 / 1.4	2.6	51	0.161/0.272

Max. conductor temperature in continuous operation: 70°C