

## 4,5 CORE PVC INSULATED AND SHEATHED FLAT FLEXIBLE CABLES (450/750V) (up to 2.5mm<sup>2</sup>)



### DIMENSIONAL, ELECTRICAL AND MECHANICAL DATA:

Number of cores x cross section	Insulation thickness	Clearance e <sub>1</sub>	Sheath thickness	Overall diameter	Max. conductor resistance DC at 20°C	Min. insulation resistance at 70°C
No.xmm <sup>2</sup>	mm	mm	mm	mm	Ω/km	MΩ.km
4x1.5 Flat	0.7	1	e <sub>2</sub> = 1 e <sub>3</sub> = 1.5	14.8 x 5	13.3	0.010
4x2.5 Flat	0.8	1.5	e <sub>2</sub> = 1 e <sub>3</sub> = 1.8	18 x 5.6	7.98	0.009
5x1.5 Flat	0.7	1	e <sub>2</sub> = 1 e <sub>3</sub> = 1.5	18.7 x 5	13.3	0.010
5x2.5 Flat	0.8	1.5	e <sub>2</sub> = 1 e <sub>3</sub> = 1.8	24.6 x 5.6	7.98	0.009

Max. conductor temperature in continuous operation: 70°C

# 4,5 CORE PVC INSULATED AND SHEATHED FLEXIBLE CABLES (450/750V) (over 2.5mm<sup>2</sup>)



## 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 <sub>1</sub>	Sheath thickness	Overall diameter	Max. conductor resistance DC at 20°C	Min. insulation resistance at 70°C
No.xmm <sup>2</sup>	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 <sub>2</sub> = 1.2 e <sub>3</sub> = 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 <sub>2</sub> = 1.2 e <sub>3</sub> = 1.8	7x21.5	3.3	0.006
4x10	1	-	1.6	18.8	1.91	0.0056
4x10 Flat	1	1.5	e <sub>2</sub> = 1.4 e <sub>3</sub> = 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 <sub>2</sub> = 1.5 e <sub>3</sub> = 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 <sub>2</sub> = 1.6 e <sub>3</sub> = 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 <sub>2</sub> = 1.6 e <sub>3</sub> = 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 <sub>2</sub> = 1.2 e <sub>3</sub> = 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 <sub>2</sub> = 1.2 e <sub>3</sub> = 1.8	7x29	3.3	0.006
5x10	1	-	1.6	20.8	1.91	0.0056
5x10 Flat	1	1.5	e <sub>2</sub> = 1.4 e <sub>3</sub> = 1.8	9.3x39	1.91	0.0056
5x16	1	-	2	23.7	1.21	0.0046
5x16 Flat	1	1.5	e <sub>2</sub> = 1.5 e <sub>3</sub> = 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 <sub>2</sub> = 1.6 e <sub>3</sub> = 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 <sub>2</sub> = 1.6 e <sub>3</sub> = 2	14.2x62	0.554	0.0042

Max. conductor temperature in continuous operation: 70°C