



## POWER CABLES

**05VV-F**

✓STUDIO ✓INSTALLATION

PVC

OFC

### APPLICATION

These cables are not mechanical effects in the building, underground, power centers and industrial facilities used as power and control cables.

### CONSTRUCTION DATA

Conductor Stranded Copper Wire (HD 383 S2 Class 5)  
 Conductor Insulation Pvc (HD 21.1 S4/ T12)  
 Core identification HD 308 S2  
 Outer Sheath Pvc Compound (HD 21.1 S4/ TM 2 )

### ELECTRICAL DATA

Operating voltage 300/500 V  
 Test voltage 2 kV  
 Insulation Resistance > 2000 MΩ x km

Core Numbers x Section	Outer Diameter	Conductor Resistance	Weight	Current Carrying Capacity
mm <sup>2</sup>	mm <sup>2</sup>	Ω / km	Kg / Km	A
2 x 0,75	5.9	26	26	6
2 x 1	6.3	19.5	19.5	10
2 x 1,5	7.2	13.3	13.3	16
2 x 2,5	8.9	7.98	7.98	25
3 x 0,75	6.3	26	26	6
3 x 1	6.7	19.5	19.5	10
3 x 1,5	7.8	13.3	13.3	16
3 x 2,5	9.6	7.98	7.98	25
4 x 0,75	6.8	26	26	6
4 x 1	7.4	19.5	19.5	10
4 x 1,5	8.7	13.3	13.3	16
4 x 2,5	10.5	7.98	7.98	25

### MECHANICAL DATA

Minimum bending radius 8 x D ( D= outer diameter )  
 Temperature range -30° C to + 70° C  
 Short-circuit temperature Max. 160°C  
 Flame retardant IEC 60332-1-2

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