

H03V-H

CU/PVC – 300/300 V Cable

CABLE STANDARDS

ISIRI 607-5



APPLICATION

The above wires are formed of two copper conductors of class 6, which are parallel to each other, covered with a white PVC insulation. The above wires are used for wiring the building, such as chandelier lighting, and in wiring some electrical appliances

CONSTRUCTION

Conductor

Class 6 Stranded copper conductors

Insulation

PVC (Polyvinyl Chloride)

CHARACTERISTICS

Voltage Rating (U_0/U)

300/300 V

Test Voltage

2000 V

Temperature Rating

Flexed: +5°C to +70°C

Short Circuit Temperature

+160°C

Minimum Bending Radius

12 x Overall Diameter for Multi Core

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Technical Specifications

NO. OF CORES	NOMINAL CROSS SECTIONAL AREA		Max DC Conductor Resistance at 20°C Ω.km	Short-circuit Current KA 1.sec Approx	Capacitance μf.km Approx	Current Capacity At 20°C	OVERALL DIAMETER Mm Approx	WEIGHT kg.km Approx
	Conductor mm ²							
2	0.5	RM.F	39.0	0.070	0.35	11	2.5	23
2	0.75	RM.F	26.0	0.089	0.36	14	2.8	28
2	1	RM.F	19.5	0.115	0.37	18	3.0	35
2	1.5	RM.F	13.3	0.173	0.43	25	3.5	49
2	2.5	RM.F	7.98	0.288	0.47	40	3.8	69
2	4	RM.F	4.95	0.460	0.34	51	4.7	103
2	6	RM.F	3.30	0.690	0.33	69	4.9	138