

H07V-R

CU/PVC - 450/750 V Wire

CABLE STANDARDS

, ISIRI 607-2 , IEC 60227,



APPLICATION

Wire wire, whose conductor is single-stranded and has much less flexibility than wire spreader, Similar its insulation wire spreader, is PVC type C.

CONSTRUCTION

Conductor

Class 2 or stranded copper conductors

Insulation

PVC (Polyvinyl Chloride)

CHARACTERISTICS

Voltage Rating (U_0/U) (Um)

450/750

Test Voltage

2500 V

Temperature Rating

Fixed: -20°C to +70°C

Flexed: -5°C to +70°C

Short Circuit Temperature

+160°C

Minimum Bending Radius

15 x Overall Diameter for Single 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	Reactance Ω.km Approx		OVERALL DIAMETER Mm Approx	WEIGHT kg.km Approx
	Conductor mm ²					Trefoil	Flat		
1	16	RM.V	1.15	1.909	0.75	0.09	0.16	6.8	170
1	25	RM.V	0.727	2.961	0.79	0.09	0.16	8.4	260
1	35	RM.V	0.524	4.126	0.92	0.08	0.16	9.5	351
1	50	RM.V	0.387	5.870	0.91	0.08	0.16	10.9	465
1	70	RM.V	0.268	8.192	1.06	0.08	0.15	12.5	659
1	95	RM.V	0.193	11.090	1.09	0.08	0.15	14.6	907
1	120	RM.V	0.153	13.985	1.22	0.07	0.15	16.1	1134
1	150	RM.V	0.124	17.457	1.21	0.07	0.15	17.9	1400
1	185	RM.V	0.101	21.505	1.21	0.07	0.15	19.9	1743
1	240	RM.V	0.0775	27.862	1.26	0.07	0.15	22.7	2281