

H07V-U

CU/PVC - 450/750 V Wire

CABLE STANDARDS

, ISIRI 607-2 , IEC 60227,



APPLICATION

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

CONSTRUCTION

Conductor

Class 1 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	1	RE	12.1	0.134	0.38	0.11	0.19	2.5	15
1	1.5	RE	7.41	0.195	0.39	0.11	0.19	2.9	21
1	2.5	RE	4.61	0.316	0.42	0.11	0.19	3.5	32
1	4	RE	3.08	0.495	0.50	0.10	0.18	3.9	47
1	6	RE	1.83	0.733	0.58	0.10	0.18	4.4	66
1	10	RE	12.1	1.205	0.60	0.10	0.17	5.6	108