



**H07V - R / NYA & P/M**

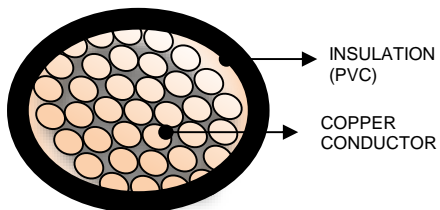
**Copper Conductor / PVC insulated / NON-SHEATHED**

**Installation Cables**

**Rated Voltage: U<sub>0</sub>/U; 450/750 V**

**INTEKAR GLOBAL Corporation**

**Standard: TS EN 50525-2-31, TS IEC 60227**



INSULATION (PVC)

COPPER CONDUCTOR

Technical Data		Cable Structure	
Core temperature, max.	70°C in Operation	Conductor	Multi Stranded Conductor
Max. Short Circuit Temperature	160°C / 5 sec.	Insulation	PVC
Rated Voltage	450 / 750 V	Color of Insulation	Black
Bending Radius, min.	6xD	Sheath	No Sheath

**Application**

H07V - R is a PVC insulated non-sheathed, multiwire cable with copper conductor, that is preferably for installation indoors, in cable ducts and in industrial plants or switching stations, under ground installation. It is used in pipes under or over the plaster. Nominal voltage 450/750 V.

RM – multiwire round shaped conductor

DIMENSIONS AND WEIGHTS			ELECTRICAL PROPERTIES			
Number of cores x Nominal Cross Section	Conductor Shape	Outer Diameter of Cable (Approximately)	Weight of Cable (Approximately)	Length of Cable (Approximately)	Conductor DC Resistance at 20 °C	Rated current carrying capacity (A)
No x mm <sup>2</sup>	-	mm	kg/km	m	ohm/km	In Air 30 °C
1 x 10	RM	5,9	110	100	1,83	73
1 x 16	RM	7,0	170	1000	1,15	98
1 x 25	RM	8,6	260	1000	0,727	129
1 x 35	RM	9,5	355	1000	0,524	158
1 x 50	RM	10,9	485	1000	0,387	198
1 x 70	RM	12,7	685	1000	0,268	245
1 x 90	RM	14,8	940	1000	0,193	292
1 x 120	RM	16,2	1175	1000	0,153	344
1 x 150	RM	18,0	1440	1000	0,124	391
1 x 185	RM	20,1	1800	1000	0,0991	448
1 x 240	RM	22,9	2370	1000	0,0754	528

\* Other dimensions are available on request