



INTEKAR GLOBAL Corporation

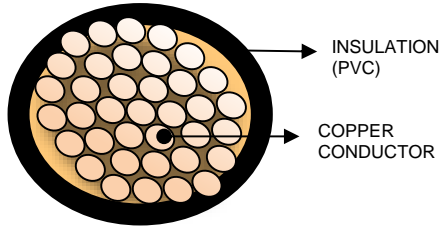
**H07V - K / NYAF & P/FJ**

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

**Installation Cables**

**Rated Voltage: Uo/U; 450/750 V**

**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	Flexible copper conductor Class 5
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 - K is a PVC insulated non-sheathed, single core cable with flexible copper conductor, that is used in the connections of mobile devices, in dry places inside the building. It is used in pipes under or over the plaster. Nominal voltage 450/750 V.

*Flexible - Fine stranded copper 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 1,5	FLEXIBLE	3,0	20	100	13,3	24
1 x 2,5	FLEXIBLE	3,7	31	100	7,98	32
1 x 4	FLEXIBLE	4,2	45	100	4,95	42
1 x 6	FLEXIBLE	4,8	63	100	3,30	54
1 x 10	FLEXIBLE	6,6	110	100	1,91	73
1 x 16	FLEXIBLE	7,9	165	100	1,21	98
1 x 25	FLEXIBLE	9,7	250	1000	0,780	129
1 x 35	FLEXIBLE	11,1	345	1000	0,554	158
1 x 50	FLEXIBLE	13,2	495	1000	0,386	198
1 x 70	FLEXIBLE	15,1	680	1000	0,272	245
1 x 95	FLEXIBLE	17,5	895	1000	0,206	292
1 x 120	FLEXIBLE	19,3	1125	1000	0,161	344
1 x 150	FLEXIBLE	21,6	1410	1000	0,129	391
1 x 185	FLEXIBLE	24,0	1750	1000	0,106	448
1 x 240	FLEXIBLE	27,1	2300	1000	0,0801	528

\* Other dimensions are available on request