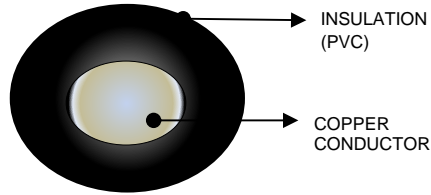
	H07V - U / NYA & P/J
	Copper Conductor / PVC insulated / NON-SHEATHED
	Installation Cables
	Rated Voltage: Uo/U; 450/750 V
INTEKAR GLOBAL Corporation	Standard: TS EN 50525-2-31, TS IEC 60227; VDE0295/IEC60228



Technical Data		Cable Structure	
Core temperature, max.	70°C in Operation	Conductor	Solid Copper Conductor Class 1
Max. Short Circuit Temperature	160°C / 5 sec.	Insulation	PVC
Rated Voltage	450 / 750 V	Color of Insulation	Black
Bending Radius, min.	12xD	Sheath	No Sheath

Application

H07V -U is a Single core cable with solid copper conductor and is with PVC insulation. It is used in the connections of mobile devices, in

closed and dry places inside the building, under or above the plaster, where there is little mechanical stress. Nominal voltage 450/750 V.

RE - Stranded copper conductor

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 ²	-	mm	kg/km	m	ohm/km	In Air 30 °C
1 x 1,5	RE	2,8	20	100	12,1	24
1 x 2,5	RE	3,3	31	100	7,41	32
1 x 4	RE	3,8	46	100	4,61	42
1 x 6	RE	4,3	65	100	3,08	54
1 x 10	RE	5,5	108	100	1,83	73

* Other dimensions are available on request