

Flexible Unipolar Energy cables



Applications:
Flexible unipolar energy cables H05V-K 300/500 V. insulated with PVC for fixed laying, only for signalling circuits or in normative pipes.

Characteristics:
 Conductor: red copper
 Cond. Insulation: PVC
 Sheath colours: **Yellow-green, Blue, Brown, Black**
 Min. bending radius: 6 times the overall cable diameter
 Max. laying stress: 50 N/mm² of the total copper cross section
 Max. temperature in case of short circuits: **(max. for 5 seconds) + 160°C. on the conductors**



Cables marked: IEMMEQU<HAR>

tasker® Code	Cond. number	Nominal section mm ²	Nominal section AWG	Elementary wire conductor Ø mm.	External Cable Diameter mm.	Reel or Spool (* pag. II)		
						mt.	Type	Kg.
H05V-075	1	1 x 0,75	19	0,20	2,4	100	B	1,0
H05V-100		1 x 1,00	17	0,20	2,6	100	B	2,5

Production on demand



Applications:
Flexible unipolar energy cables N07V-K 450/750 V. insulated with flame retardant PVC and reduced emission of corrosive gases for electric equipment.

Characteristics:
 Conductor: red copper
 Cond. Insulation: **Flame Retardant PVC CEI 20-22/II°** and reduced emission of corrosive gases
 Sheath colours: **Yellow-green, Blue, Brown, Black**
 Min. bending radius: 6 times the overall cable diameter
 Max. laying stress: 50 N/mm² of the total copper cross section
 Max. temperature in case of short circuits: **(max. for 5 seconds) + 160°C. on the conductors**



Cables marked: IEMMEQU<HAR>

tasker® Code	Cond. number	Nominal section mm ²	Nominal section AWG	Elementary wire conductor Ø mm.	External Cable Diameter mm.	Reel or Spool (* pag. II)		
						mt.	Type	Kg.
N07V-100	1	1 x 1,00	17	0,20	2,8	100	B	1,5
N07V-150		1 x 1,50	16	0,25	3,0	100	B	2,0
N07V-250		1 x 2,50	13	0,25	3,6	100	B	3,0

SHEATH IN FLAME RETARDANT PVC AND REDUCED EMISSION OF CORROSIVE GASES

Notes:

Conductor Resistance Ω/Km ± 5%	Rated Voltage V. Uo/U	Operative Temperature °C
21	450/750	-15 / +70
16	450/750	-15 / +70
12	450/750	-15 / +70