

Energy cables



Cables marked: IEMMEQU<HAR>

tasker® Code	Cond. number	Nominal section mm²	Elementary wire conductor Ø mm.	External Core Ø mm.	External Cable Dimension mm.	Reel or Spool (* pag. II)		
						mt.	Type	Kg.
C261	2	2 x 0,75 (18 AWG)	0,20	2,1	3,4 x 5,6 H03 VVH2-F	100	B	3,5
C151**		2 x 1,00 (17 AWG)	0,20	2,5	4,2 x 6,7 H05 VVH2-F	100	B	

** Production on demand



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tasker® Code	Cond. number	Nominal section mm²	Elementary wire conductor Ø mm.	External Core Ø mm.	External Cable Dimension mm.	Reel or Spool (* pag. II)		
						mt.	Type	Kg.
C152**	2	2 x 0,75 (18 AWG)	0,20	2,2	6,2 H05 VV-F	100	B	
C153**		2 x 1,00 (17 AWG)	0,20	2,5	6,5 H05 VV-F	100	B	
C154**		2 x 1,50 (16 AWG)	0,25	2,8	7,5 H05 VV-F	100	B	
C155**		2 x 2,50 (13 AWG)	0,25	3,3	9,0 H05 VV-F	100	B	7,0
C127	3	3 x 0,75 (18 AWG)	0,20	2,2	6,7 H05 VV-F	100	B	8,0
C262		3 x 1,00 (17 AWG)	0,20	2,5	7,0 H05 VV-F	100	B	
C156**		3 x 1,50 (16 AWG)	0,25	2,8	8,4 H05 VV-F	100	B	
C157**		3 x 2,50 (13 AWG)	0,25	3,3	9,8 H05 VV-F	100	B	

Applications:

Nyhy power cable 300/300 V. and 300/500 V., insulated with PVC, suitable for application inside private houses, kitchens and offices, or for connection of light portable devices subjected to light mechanical stress.

Not suitable for heating or cooking devices or for portable non-household appliances. Not indicated for use outdoors, in factories or farms.

Characteristics:

Conductors: red copper

Cond. Insulation: PVC

Core colours: Blue, Brown

Sheath: PVC

Sheath colours: Black, White

Min. bending radius:

6 times the overall cable diameter

Max. laying stress:

15 N/mm² of total copper cross section

Max. temperature in case of short circuits:

(max. for 5 seconds) +150°C. on the conductors



Conductor Resistance	Rated Voltage	Operative Temperature
Ω/Km ± 5%	Uo/U	°C
32	300/300	-15 / +70
21	300/500	-15 / +70

Applications:

Power cable H05 VV-F 300/500 V., flexible and insulated with PVC, for applications inside private houses, kitchens and offices; for household appliances even in damp environments. Suitable for connection of devices subjected to average mechanical stress (washing machines, hair driers, refrigerators), for cooking and heating devices or for portable non-household appliances, provided that cables never come into contact with hot parts and are not subjected to thermal radiation. Not suitable for use outdoors, in factories or farms.

Characteristics:

Conductors: red copper

Cond. Insulation: PVC

Core colours: Blue, Brown, Yellow/green

Sheath: PVC

Sheath colours: Black, White

Min. bending radius:

9 times the overall cable diameter for mobile use

4 times the overall cable diameter for fixed laying

Max. laying stress:

15 N/mm² of total copper cross section

Max. temperature in case of short circuits:

(max. for 5 seconds) +150°C. on the conductors



Conductor Resistance	Rated Voltage	Operative Temperature
Ω/Km ± 5%	Uo/U	°C
32	300/500	-15 / +70
21	300/500	-15 / +70
16	300/500	-15 / +70
12	300/500	-15 / +70
32	300/500	-15 / +70
21	300/500	-15 / +70
16	300/500	-15 / +70
12	300/500	-15 / +70