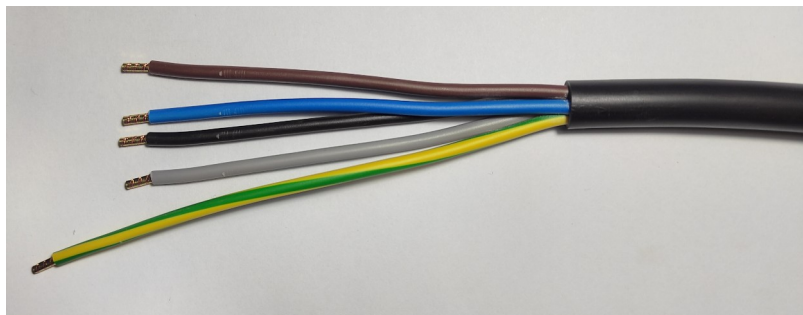


Energy cables H05VV-F 5G2,5 (for ordinary duty working conditions)



Technical data:

Rated voltage U_0/U	300/500	[V] (AC)
Test voltage	2000	[V] (AC)
Operating temperature range	+5 to +70	[°C]

Cable construction:

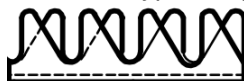
Shape: round
Conductors: stranded thin copper wires (class 5 acc. to EN 60228)
Insulation: PVC class TI2 acc. to EN 50363-3
Sheath: PVC class TM2 acc. to EN 50363-4-1
Colours of insulated cores: yellow-green, blue, brown, black, grey
Colour of sheath: black
Cable has an additional central filling made of polyester monofil coated with colourless PVC

Additional qualities:

Flame propagation resistance acc. to EN 60332-1-2
VDE-certified cable

Cable processed (both sides):

- sheath stripped to 140(+/-5)mm;
- yellow-green insulated core left on a length of 140(+/-5)mm, other insulated cores cut to length of 110(+/-2)mm;
- all cores in the cable are terminated with KZ-type crimping terminals (length ~9,2mm);



- central filling of the cable cut off in the unsheathed parts.

Application:

The cables are intended for use in domestic premises and offices, for ordinary duty applications and household appliances, including in damp premises.

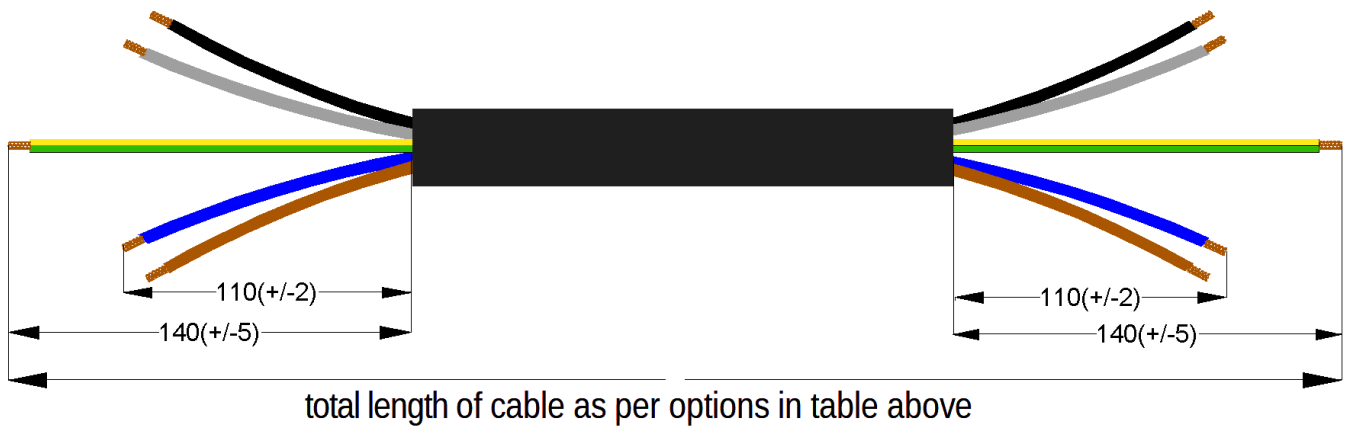
Example applications: power cables for induction cookers, ovens, boilers and high-power instantaneous water heaters.

Permitted use outdoors for temporary periods of short duration.

Form of cable coiling



Catalogue number	No. of cores x cross-section [n x mm ²]	Construction of single core [n x mm]	Max. conductor resistance (at 20°C) [Ω/km]	Insulation thickness (nominal) [mm]	Sheath thickness (nominal) [mm]	Cable diameter (+/-0,1)mm	Length of cable [m] (+/-20)mm
PZT00001C	5x2,5	48 x 0,24	7,98	0,8	1,2	12,0	1,5
PZT00002C	5x2,5	48 x 0,24	7,98	0,8	1,2	12,0	2
PZT00003C	5x2,5	48 x 0,24	7,98	0,8	1,2	12,0	3



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