

	H05V2V2-F Construction Products Regulation (EU) No 305/2011		ETP-21 Ed. 05/2021 Rev. 2
Heat resistant power cables for general applications			

DESCRIPTION

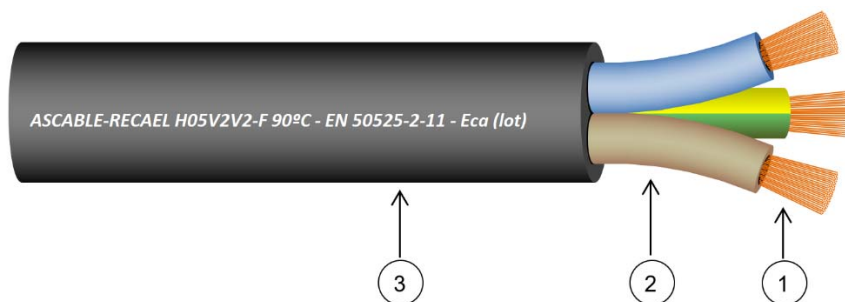
Power cables with PVC insulation and outer sheath.
Construction is according to EN 50525-2-11

APPLICATIONS

Use in domestic premises, kitchens and offices, for light duty applications and light portable appliances; use in high ambient temperatures and internal use in equipment where there is no risk of contact with hot parts.
For more information, refer to the EN 50565 (Usage guide for harmonised cables).

CONSTRUCTION

1 - Conductor:	Flexible bare copper, class 5	a/EN 60228
2 - Insulation:	PVC, type T13	a/EN 50363-3
	· Identification 2x: blue and brown	
	· “ 3G: blue, brown and green/yellow	
	· “ 3x: brown, black, grey	
	· “ 3x: brown, black, blue (*)	
	· “ 4G: brown, black, grey and green/yellow	
	· “ 4G: brown, black, blue and green/yellow (*)	
	· “ 4x: brown, black, grey and blue	
	· “ 5G: brown, black, brown, blue and green/yellow	
	· Assembly of cores: concentric stranded	
3 – Outer sheath	PVC, type TM3	a/EN 50363-4-1
	· Outer colour: withe, black	



TECHNICAL SPECIFICATIONS

Rated voltage:	300 / 500 Vac	
Test voltage:	2.000 Vac	
Temperature range (Max):	+90 °C	a/EN 50525-2-11
“ :	+105 °C	a/UL 1581 (table 50.182)
Temperature range (Min.):	-15 °C (-30 °C fixed installation)	
Maximum short-circuit temperature:	150 °C (max. 5 s)	a/IEC 60724
Bending radius:	5 Ø	
No flame propagation:	Complies	a/EN 60332-1-2
CPR classification (Class):	Eca	a/EN 50575
(*) Only for certain applications		

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DATA AND DIMENSIONS

Dimensions and weights are approximate, subject to small variations due to the process.

Cross Section mm ²	Resistance Ω/km at 20°C	Insulation thickness, mm	Outer sheath thickness, mm	Outer Ø mm	Weight Kg/km
2x0,75	26,0	0,6	0,8	6,3	53
2x1	19,5	0,6	0,8	6,6	60
2x1,5	13,3	0,7	0,8	7,6	81
2x2,5	7,98	0,8	1,0	9,0	120
2x4	4,95	0,8	1,1	10,4	168
3x0,75	26,0	0,6	0,8	6,7	63
3x1	19,5	0,6	0,8	7,0	72
3x1,5	13,3	0,7	0,9	8,3	102
3x2,5	7,98	0,8	1,1	9,8	135
3x4	4,95	0,8	1,2	11,3	213
4x0,75	26,0	0,6	0,8	7,3	76
4x1	19,5	0,6	0,9	7,9	91
4x1,5	13,3	0,7	1,0	9,3	128
4x2,5	7,98	0,8	1,1	10,7	186
4x4	4,95	0,8	1,2	12,3	262
5x0,75	26,0	0,6	0,9	8,2	93
5x1	19,5	0,6	0,9	8,6	108
5x1,5	13,3	0,7	1,1	10,3	156
5x2,5	7,98	0,8	1,2	11,9	226
5x4	4,95	0,8	1,4	13,9	326