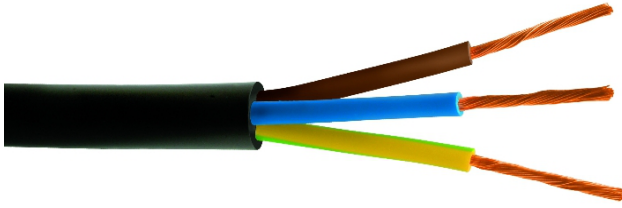


Designation: H05VV-F

ROUND, PVC INSULATED AND ORDINARY PVC SHEATHED FLEXIBLE CORDS



www.pewtronic.cz

PLU030133



TECHNICAL FEATURES

2

Rated Voltage	Max. operating temperature	Min. Temperature of installation	Max. Temperature of short circuit	Min. internal bending radius	Max mechanical stress
300/500 V	70 °C	5 °C	150 °C	6xD	5 Kg/mm ²

CONSTRUCTION FEATURES

Conductors :	Flexible cord in red or tinned copper, class 5 (HD 383 - IEC 60228)
Insulation :	Thermoplastic polyvinyl chloride compound type T12. Electrical insulation of cables for mobile connections.
Sheath :	Thermoplastic polyvinyl chloride compound type TM2. Protective sheath of cables usually used for mobile connections, even in wet environments.
Identif. colours :	Core identification in compliance with CENELEC HD 308 in force.
Standards :	Max strain in static duty conditions: 1,5 Kg/mm ² . Flame retardant. CEI 20-20/5 (HD 21.5 - EN 50525-2-11), RoHS 2011/65/UE

GUIDE TO USE

Suitable in domestic premises, kitchens, offices, for household appliances, also in damp environments and for medium mechanical stress (eg. washing machines, spin dryers, and refrigerators).
It can be used when extra flexibility is required, provided that there is no particular danger of mechanical damage. Unsuitable for underground laying. Suitable for cooking and heating appliances, provided that there is no risk of contact with hot parts and it is not subject to radiation.
Unsuitable for outdoor use, in industrial or agricultural buildings or for non domestic portable tools.
Admissible, however, in tailors' workshops and similar premises.

DIMENSIONAL FEATURES AND ELECTRICAL PROPERTY

Number and nominal cross-sectional area of conductors (n° x mm ²)	Mean overall diameter (mm)	Indicative weight of Cable (g / m)	Conductor		Insulation		Sheath		Current ratings (A) with ambient temp. lower than:				Article Code	
			Diameter max. of wires (mm)	Max. resistance Res. B. (ohm/km at 20° C)		Thickness (mm)		Thickness (mm)		30°C	30°C	30°C		20°C
				RedCu	Str Cu	Mid.	Min.	Mid.	Min.	FM*	FI*	PL*		EL*
2x0,75	6,2 ±0.2	56	0,210	26,000	26,700	0,6	0,44	0,8	0,58	6	7	NP	NP	
3x0,75	6,6 ±0.2	67	0,210	26,000	26,700	0,6	0,44	0,8	0,58	6	7	NP	NP	
4x0,75	7,2 ±0.2	83	0,210	26,000	26,700	0,6	0,44	0,8	0,58	6	7	NP	NP	
5x0,75	8,00 ±0.2	102	0,210	26,000	26,700	0,6	0,44	0,9	0,66	6	7	NP	NP	
2x1	6,6 ±0.2	65	0,210	19,500	20,000	0,6	0,44	0,8	0,58	10	11	NP	NP	
3x1	7 ±0.2	79	0,210	19,500	20,000	0,6	0,44	0,8	0,58	10	11	NP	NP	
4x1	7,80 ±0.2	100	0,210	19,500	20,000	0,6	0,44	0,9	0,66	10	11	NP	NP	
5x1	8,60 ±0.2	123	0,210	19,500	20,000	0,6	0,44	0,9	0,66	10	11	NP	NP	
2x1,5	7,6 ±0.2	88	0,260	13,300	13,700	0,7	0,53	0,8	0,58	16	19,5	NP	NP	
3x1,5	8,2 ±0.2	109	0,260	13,300	13,700	0,7	0,53	0,9	0,66	16	17,5	NP	NP	PLU030133
4x1,5	9,30 ±0.2	142	0,260	13,300	13,700	0,7	0,53	1,0	0,75	16	17,5	NP	NP	
5x1,5	10,30 ±0.2	176	0,260	13,300	13,700	0,7	0,53	1,1	0,84	16	17,5	NP	NF	
2x2,5	9,20 ±0.2	132	0,260	7,980	8,210	0,8	0,62	1,0	0,75	20	26	NP	NP	
3x2,5	10,00 ±0.2	167	0,260	7,980	8,210	0,8	0,62	1,1	0,84	20	24	NP	NP	
4x2,5	10,90 ±0.2	206	0,260	7,980	8,210	0,8	0,62	1,1	0,84	20	24	NP	NP	
5x2,5	12,10 ±0.2	255	0,260	7,980	8,210	0,8	0,62	1,2	0,92	20	24	NP	NP	
2x4	10,60 ±0.2	185	0,310	4,950	5,090	0,8	0,62	1,1	0,84	30	34	NP	NP	
3x4	11,40 ±0.2	232	0,310	4,950	5,090	0,8	0,62	1,2	0,92	30	32	NP	NP	
4x4	12,50 ±0.2	290	0,310	4,950	5,090	0,8	0,62	1,2	0,92	30	32	NP	NP	
5x4	14,10 ±0.2	366	0,310	4,950	5,090	0,8	0,62	1,4	1,09	30	32	NP	NP	

* [FM = Free movement] [FI = Fixed installation] [PL = Pipe laying] [EL = Earth laying]