

H05V2V2-F

H05V2V2-F

Sheathed cable manufactured according to the harmonized standard (H), for rated voltage 300/500V (0), with insulation made of heat-resistant PVC (V2), with sheath made of heat-resistant PVC (V2), with multi wire flexible conductors (-F).

Application

Multi conductor power cable, used for mobile connections of electric equipment in installations of rated voltage not exceeding 300/500V. The cable may be used in housing compartments, kitchens, offices; in increased ambient temperature in household devices, in humid compartments, in average working conditions and inside equipment or devices. Insulation and sheath of cable made of heat-resistant thermoplastic PVC with maximum working temperature of +90°C.

Technical data

Conductor: Cu-ETP1 (acc. to EN 13602), multi wire, flexible, class 5 (acc. to EN 60228)
Insulation: PVC, type T13 (acc. to EN 50363-3)
Sheath: PVC, type TM3 (acc. to EN 50363-4-1)
Temperature range: Up to +90°C
Standard: EN 50525-2-11
 Cables conform to the requirements of REACH Regulation and RoHS Directive.

Technical characteristics
H05V2V2-F

Number of conductors x Nominal Cross-section mm ²	Conductor structure		Resistance at 20°C mΩ/m	Insulation thickness mm	Sheath thickness mm	Outer diameter of cable		Approximate weight of cable kg/km
	Number of wires	Single wire diameter				(min.)	(max.)	
		(max.) mm				(min.) mm	(max.) mm	
2 x 0,75	24	0,21	26,0	0,6	0,8	5,7	7,2	56,40
2 x 1,00	32	0,21	19,5	0,6	0,8	5,9	7,5	63,60
2 x 1,50	29	0,26	13,3	0,7	0,8	6,8	8,6	84,60
2 x 2,50	48	0,26	7,98	0,8	1,0	8,4	10,6	130,30
2 x 4,00	53	0,31	4,95	0,8	1,1	9,7	12,1	178,80
3 x 0,75	24	0,21	26,0	0,6	0,8	6,0	7,6	66,50

3 x 1,00	32	0,21	19,5	0,6	0,8	6,3	8,0	75,90
3 x 1,50	29	0,26	13,3	0,7	0,9	7,4	9,4	105,70
3 x 2,50	48	0,26	7,98	0,8	1,1	9,2	11,4	162,20
3 x 4,00	53	0,31	4,95	0,8	1,2	10,5	13,1	224,80
4 x 0,75	24	0,21	26,0	0,6	0,8	6,6	8,3	80,00
4 x 1,00	32	0,21	19,5	0,6	0,9	7,1	9,0	95,40
4 x 1,50	29	0,26	13,3	0,7	1,0	8,4	10,5	132,50
4 x 2,50	48	0,26	7,98	0,8	1,1	10,1	12,5	197,40
4 x 4,00	53	0,31	4,95	0,8	1,2	11,5	14,3	275,80
5 x 0,75	24	0,21	26,0	0,6	0,9	7,4	9,3	101,20
5 x 1,00	32	0,21	19,5	0,6	0,9	7,8	9,8	116,20
5 x 1,50	29	0,26	13,3	0,7	1,1	9,3	11,6	166,20
5 x 2,50	48	0,26	7,98	0,8	1,2	11,2	13,9	247,30
5 x 4,00	53	0,31	4,95	0,8	1,4	13,0	16,1	351,40

Contact

Tel: +48 12 631 10 70

E-mail: biuro@manex.com.pl