

H03VV-F (OMY)

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Sheathed cable manufactured according to the harmonized standard (H), for rated voltage 300/300V (03), with insulation made of PVC (V), with sheath made of PVC (V), with multi wire flexible conductors (-F).

Application

Multi-conductor general purpose power cable, used for connection of electric equipment in installations of rated voltage not exceeding 300/300V. The cable may be used in housing compartments, kitchens, offices etc.; for light duty applications and for light mobile devices.

Technical data

Conductor: Cu-ETP1 (acc. to EN 13602), multi wire, flexible, class 5 (acc. to EN 60228)
Insulation: PVC, type TI 2 (acc. to EN 50363-3)
Sheath: PVC, type TM 2 (acc. to EN 50363-4-1)
Temperature range: Up to +70°C
Standard: EN 50525-2-11
 Cables conform to the requirements of REACH Regulation and RoHS Directive.

Technical characteristics

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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				mm	mm	
2 x 0,50	16	0,21	39,0	0,5	0,6	4,6	5,9	36,7
2 x 0,75	24	0,21	26,0	0,5	0,6	4,9	6,3	46,4
3 x 0,50	16	0,21	39,0	0,5	0,6	4,9	6,3	43,7
3 x 0,75	24	0,21	26,0	0,5	0,6	5,2	6,7	56,0
4 x 0,50	16	0,21	39,0	0,5	0,6	5,4	6,9	52,9
4 x 0,75	24	0,21	26,0	0,5	0,6	5,7	7,3	68,3

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