



H05VV-F



Date reviewed : 22/04/2015

Revision Number: 5

PVC multicore cables

Ordinary duty PVC sheathed cable.

Technical data

Voltage U ₀ / U	300/500 V
Normative references	CEI EN 50525-2-11
Applications / Terms of use	Use in domestic premises and offices, for ordinary duty applications and household appliances, including in damp premises; (e.g. vacuum cleaners, washing machines, spin dryers, and refrigerators); use outdoors for temporary periods of short duration.
Type electric conductor	Flexible red copper
Type of insulation	T12
Type Outer Sheath	TM2
Sheath color	Black, white, grey
Operating temperature	60° C on the conductor
Short circuit temperature	150° C on the conductor max 5 seconds
Cable marking	ELETTROBRESZIA IEMMEQU H05VV-F
Minimum bending radius	5 times the max outer diameter in mobile installation, 3 times the max outer diameter in fixed installation.
Insulation Color 2 x	Blue-Brown
Insulation Color 3 x	Yellow/Green-Blue-Brown
Insulation Color 4 x	Yellow/Green-Blue-Brown-Black / Yellow/Green-Brown-Black-Grey
Insulation Color 5 x	Yellow/Green-Blue-Brown-Black-Grey

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Section (mm ²)	Diameter capillary (mm)	Wire size (mm)	Average thickness of insulation (mm)	Average thickness sheath (mm)	Minimum outside diameter (mm)	Maximum outside diameter (mm)	Electrical resistance (MΩ·km a 20°C)	Average weight (kg/km)	Factor cu (kg/km)
2x0,75	0,21	1,10	0,6	0,80	5,7	7,2	26,0000	59,00	14,40
2x1,00	0,21	1,20	0,6	0,80	5,9	7,5	19,5000	67,00	19,20
2x1,50	0,26	1,50	0,7	0,80	6,8	8,6	13,3000	91,00	28,80
2x2,50	0,26	1,90	0,8	1,00	8,4	10,6	7,9800	139,00	48,00
2x4,00	0,31	2,40	0,8	1,10	9,7	12,1	4,9500	159,00	76,80
3G0,75	0,21	1,10	0,6	0,80	6,0	7,6	26,0000	71,00	21,60
3G1,00	0,21	1,20	0,6	0,80	6,3	8,0	19,5000	83,00	28,80
3G1,50	0,26	1,50	0,7	0,90	7,4	9,4	13,3000	114,00	43,20
3G2,50	0,26	1,90	0,8	1,10	9,2	11,4	7,9800	175,00	72,00
3G4,00	0,31	2,40	0,8	1,20	10,5	13,1	4,9500	244,00	115,20
4G0,75	0,21	1,10	0,6	0,80	6,6	8,3	26,0000	88,00	28,80
4G1,00	0,21	1,20	0,6	0,90	7,1	9,0	19,5000	104,00	38,40
4G1,50	0,26	1,50	0,7	1,00	8,4	10,5	13,3000	146,00	57,60
4G2,50	0,26	1,90	0,8	1,10	10,1	12,5	7,9800	217,00	96,00
4G4,00	0,31	2,40	0,8	1,20	11,5	14,3	4,9500	305,00	153,60
5G0,75	0,21	1,10	0,6	0,90	7,4	9,3	26,0000	114,00	36,00
5G1,00	0,21	1,20	0,6	0,90	7,8	9,8	19,5000	131,00	48,00
5G1,50	0,26	1,50	0,7	1,10	9,3	11,6	13,3000	188,00	72,00
5G2,50	0,26	1,90	0,8	1,20	11,2	13,9	7,9800	277,00	120,00
5G4,00	0,31	2,40	0,8	1,40	13,0	16,1	4,9500	398,00	192,00